

Memorandum

Date : August 21, 2002
Telephone: (916) 653-1227
File: Salton Sea Geothermal

To : Chairman William J. Keese
Commissioner Robert Pernell
Commissioner Arthur H. Rosenfeld, Ph.D.
Commissioner James D. Boyd
Commissioner John L. Geesman

From : California Energy Commission
1516 Ninth Street
Sacramento, CA 95814-5512

Subject : SALTON SEA GEOTHERMAL POWER: DATA ADEQUACY RECOMMENDATION

On July 29, 2002, CE Obsidian Energy, LLC (an affiliate of CalEnergy Operating Corp.) filed an Application for Certification (AFC) seeking approval from the California Energy Commission to construct and operate the Salton Sea Unit 6 Geothermal Power Project in Imperial County. The proposed project is 185 MW geothermal electric generation facility. Based on staff's analysis, the AFC does not meet the requirements of the Energy Commission siting regulations for the 12-month AFC review process (Cal. Code of Regs., tit. 20, §1704, Appendix B). Deficiencies were found in ten technical areas for the 12-month process. We recommend that the Energy Commission find the AFC inadequate and adopt the enclosed list of deficiencies for the 12-month review.

Additionally, the applicant requested review under the expedited six-month process (Cal. Code of Regs., tit. 20, §§2021-2031). For a project to qualify for the six-month process, the AFC must meet both the twelve-month criteria and the additional criteria for the six-month process listed in section 2022(b) of the siting regulations. Based on staff's analysis, the AFC does not meet the additional data adequacy requirements of the six-month process. Deficiencies were found in eight technical areas for the six-month process. Worksheets identifying the additional information needed to qualify for the six-month process are included in the attachment. Staff also recommends that the Energy Commission find the AFC inadequate for the six-month process, and adopt the enclosed list of deficiencies.

A geothermal project is exempt from the Notice of Intention proceedings if the applicant can demonstrate at the outset of the proceedings that the site can provide geothermal resources in commercial quantities sufficient to support the proposed project (Pub. Resources Code, §25540.2(a)). CE Obsidian Energy has also requested this exemption, and has provided information in the AFC on the availability of geothermal resources at the site. The committee assigned to this project should hold a public hearing as soon as possible after acceptance to determine whether to grant the request.

Steve Larson
Executive Director

Attachments

ATTACHMENT A

OVERVIEW OF ENERGY COMMISSION STAFF'S DATA ADEQUACY DETERMINATION Salton Sea Geothermal Power Project (02-AFC-02)

Technical Area	Data Adequacy			
	12-Mo.	Page No.	6-Mo.	Page No.
Air Quality	Yes	3	No	1
Alternatives	Yes	7	N/A	
Biological Resources	No	10	No	8
Cultural Resources	No	15	No	14
Efficiency	Yes	18	N/A	
Facility Design	Yes	19	N/A	19
Geological Hazards	Yes	23	Yes	22
Hazardous Materials	Yes	27	Yes	25
Land Use	No	32	No	29
Noise	Yes	36	Yes	35
Paleontological Resources	Yes	40	Yes	39
Project Overview	No	44	No	42
Public Health	Yes	49	Yes	47
Reliability	No	51	N/A	
Socioeconomics/ Environmental Justice	No	54	Yes	52
Soil Resources	No	61	Yes	60
Traffic and Transportation	No	65	Yes	64
Trans Line Safety/Nuisance	Yes	69	Yes	68
Transmission System Engineering	No	78	No	72
Visual Resources	Yes	82	No	81
Waste Management	Yes	86	Yes	85
Water Resources	No	91	No	89
Worker Safety	Yes	96	Yes	95

ATTACHMENT B

**ENERGY COMMISSION STAFF'S
List of Data Inadequacies**

**SALTON SEA GEOTHERMAL POWER PROJECT
02-AFC-02**

DATA ADEQUACY WORKSHEET

Adequacy Issue: Adequate _____ Inadequate **X**

(Six Month Expedited Process)

Revision No. 0 Date 8/21/02

Technical Area: **Air Quality**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Gabriel D. Behymer

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Matthew S. Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 5.1.5	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.1.5.3.2 Table 5.1-95	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Section 5.1.5	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 5.1.5.4.1 Section 5.1.5.4.2 Table 5.1-95	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

DATA ADEQUACY WORKSHEET

Adequacy Issue: Adequate _____ Inadequate **X**

(Six Month Expedited Process)

Revision No. 0 Date 8/21/02

Technical Area: **Air Quality**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Gabriel D. Behymer

Project Manager: Robert Worl

Docket: 02-AFC-2

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(A) (Air Quality)	a detailed modeling analysis assessing whether the cumulative impacts of all inert criteria pollutants (NOx, SO2, CO, and PM10) from the project's typical operating mode in combination with all stationary emissions sources within a six-mile radius of the proposed site that have received construction permits, but are not yet operational, and all stationary emissions sources that are currently undergoing air district permit application review will cause or contribute to a violation of any ambient air quality standard;	Section 5.1.3 Table 5.1-93 Table 5.1-94 Table G-40	Yes	
§2022(b)(2)(B) (Air Quality)	A description of the project's planned initial commissioning phase, which is the phase between the first firing of emissions sources and the consistent production of electricity for sale to the market, including the types and durations of equipment tests, criteria pollutant emissions, and monitoring techniques to be used during such tests, and air dispersion modeling analyses of the impacts of those emissions on state and federal ambient air quality standards for NO2, SO2, CO, and PM10;	Section 5.1.2.2.5 Table 5.1-22 Table 5.1-38 through Table 5.1-88 Table G-5 through Table G-5.6	Yes	
§2022(b)(2)(C) (Air Quality)	A detailed description of the mitigation, which an applicant shall propose, for all impacts from criteria pollutants that currently exceed state or federal ambient air quality standards, but are not subject to offset requirements under the district's new source review rule;	Section 5.1.5.3.2	No	Please address the necessity of providing PM10 mitigation for the project's PM10 and PM10 precursor (including NOx, VOC, SOx and NH3) emissions. Please provide a detailed PM10 mitigation plan.
§2022(b)(2)(D) (Air Quality, Public Health)	A modeling analysis that identifies the extent of potential public exposure to toxic substances, as identified in subsection (g)(9)(A) of Appendix B, resulting from normal facility operation;	Section 5.1.2.2 Section 5.1.2.3	Yes	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: **Air Quality**
 Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET
 Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)
 Docket: 02-AFC-2

Revision No. 0 Date 8/21/02
 Technical Staff: Gabriel D. Behymer
 Technical Senior: Matthew S. Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.1.1 Section 5.1.2 Section 5.1.3 Section 5.1.4	Yes	
Appendix B (g) (8) (A)	The information necessary for the air pollution control district where the project is located to complete a Determination of Compliance.		Yes	
Appendix B (g) (8) (B)	The heating value and chemical characteristics of the proposed fuels, the stack height and diameter, the exhaust velocity and temperature, the heat rate and the expected capacity factor of the proposed facility.	Section 3.3.3 Figures 3.3-10A to E Section 5.1.2.5.6 Table G-17	Yes	
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	Section 3.3.4.7	Yes	
Appendix B (g) (8) (D)	A description of the cooling system, the estimated cooling tower drift rate, the rate of water flow through the cooling tower, and the maximum concentrations of total dissolved solids.	Section 5.1.2.3.1 Table G-7	Yes	
Appendix B (g) (8) (E)	The emission rates of criteria pollutants from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all secondary emission sources.	Section 5.1.2.3 Section 5.1.2.4 Appendix G	Yes	
Appendix B (g) (8) (F)	A description of typical operational modes, and start-up and shutdown modes for the proposed project, including the estimated frequency of occurrence and duration of each mode, and estimated emission rate for each criteria pollutant during each mode.	Section 5.1.2.3 Section 5.1.2.4	Yes	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: **Air Quality**
 Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)
 Docket: 02-AFC-2

Revision No. 0 Date 8/21/02
 Technical Staff: Gabriel D. Behymer
 Technical Senior: Matthew S. Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (G)	The ambient concentrations of all criteria pollutants for the previous three years as measured at the three Air Resources Board certified monitoring stations located closest to the project site, and an analysis of whether this data is representative of conditions at the project site. The applicant may substitute an explanation as to why information from one, two, or all stations is either not available or unnecessary.	Section 5.1.1.4 Table 5.1-2 through Table 5.1-16	Yes	
Appendix B (g) (8) (H)	One year of meteorological data collected from either the Federal Aviation Administration Class 1 station nearest to the project or from the project site, or meteorological data approved by the California Air Resources Board or the local air pollution control district.	Section 5.1.2.5.2 Submitted CD-ROM	Yes	
Appendix B (g) (8) (H) (i)	If the data is collected from the project site, the applicant shall demonstrate compliance with the requirements of the U.S. Environmental Protection Agency document entitled "On-Site Meteorological Program Guidance for Regulatory Modeling Applications" (EPA - 450/4-87-013 (August 1995), which is incorporated by reference in its entirety.)	N/A	N/A	
Appendix B (g) (8) (H) (ii)	The data shall include quarterly wind tables and wind roses, ambient temperatures, relative humidity, stability and mixing heights, upper atmospheric air data, and an analysis of whether this data is representative of conditions at the project site.	Section 5.1.1.2 Section 5.1.2.5.2 Table 5.1-37b Appendix G.1a Submitted CD-ROM	Yes	
Appendix B (g) (8) (I)	An evaluation of the project's direct and cumulative air quality impacts, consisting of the following:	-	-	-

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: **Air Quality**
 Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)
 Docket: 02-AFC-2

Revision No. 0 Date 8/21/02
 Technical Staff: Gabriel D. Behymer
 Technical Senior: Matthew S. Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (I) (i)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert pollutant impacts of project construction activities on ambient air quality conditions, including fugitive dust (PM ₁₀) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NO _x), sulfur dioxide (SO ₂), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM ₁₀)] from construction-related equipment;	Section 5.1.2.2 Section 5.1.2.6 Section 5.1.2.5.5 Table 5.1-38 through Table 5.1-88	Yes	
Appendix B (g) (8) (I) (ii)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert criteria pollutant (NO _x , SO ₂ , CO and PM ₁₀) impacts on ambient air quality conditions of the project during typical (normal) operation, and during shutdown and startup modes of operation. Identify and include in the modeling of each operating mode the estimated maximum emissions rates and the assumed meteorological conditions; and	Section 5.1.2.3 Section 5.1.2.4 Section 5.1.2.5.6 Section 5.1.2.5.7 Section 5.1.2.6 Section 5.1.2.7 Table 5.1-41 through Table 5.1-88	Yes	
Appendix B (g) (8) (I) (iii)	A protocol for a cumulative air quality modeling impacts analysis of the project's typical operating mode in combination with other stationary emissions sources within a six mile radius which have received construction permits but are not yet operational, or are in the permitting process. The cumulative inert pollutant impact analysis should assess whether estimated emissions concentrations will cause or contribute to a violation of any ambient air quality standard.	Section 5.1.3 Table 5.1-93 Table 5.1-94 Table G-40	Yes	
Appendix B (g) (8) (J)	If an emission offset strategy is proposed to mitigate the project's impacts under subsection (g)(1), provide the following information:	-	-	-
Appendix B (g) (8) (J) (i)	The quantity of offsets needed;	Section 5.1.2.3 Section 5.1.5.3.2	Yes	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: **Air Quality**
 Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)
 Docket: 02-AFC-2

Revision No. 0 Date 8/21/02
 Technical Staff: Gabriel D. Behymer
 Technical Senior: Matthew S. Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions; and	Section 5.1.5.3.2 Table G-41	Yes	
Appendix B (g) (8) (J) (iii)	Method of emission reduction.	Section 5.1.5.3.2	Yes	
Appendix B (g) (8) (K)	A topographic map containing contour and elevation data, at a scale of 1:24,000, showing the area within 6 miles of the power plant site.	Figure 5.15-1	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 5.1.5 Table 5.1-95	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 5.1.5.4.2 Table 5.1-95	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.1.5	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 5.1.5.4.1	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.1.5.4.2	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Alternatives**
 Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)
 Docket: 02-AFC-2

Revision No. 0 Date 8/8/02
 Technical Staff: Robert Worl
 Technical Senior: Kevin Kennedy

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (D)	A description of how the site and related facilities were selected and the consideration given to engineering constraints, site geology, environmental impacts, water, waste and fuel constraints, electric transmission constraints, and any other factors considered by the applicant.	§6.2; 6.2.3; §2.0; and § 3.2.2	Yes	
Appendix B (f) (1)	A discussion of the range of reasonable alternatives to the project, or to the location of the project, including the no project alternative, which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project, and an evaluation of the comparative merits of the alternatives. In accordance with Public Resources Code section 25540.6(b), a discussion of the applicant's site selection criteria, any alternative sites considered for the project, and the reasons why the applicant chose the proposed site.	§6.2	Yes	
Appendix B (f) (2)	An evaluation of the comparative engineering, economic, and environmental merits of the alternatives discussed in subsection (f)(1).	§6.4	Yes	

Adequacy Issue:	Adequate	Inadequate	x	DATA ADEQUACY WORKSHEET	Revision No.	0	Date	8/8/02
Technical Area:	Biological Resources			(Six Month Expedited Process)	Technical Staff:	Natasha Nelson		
Project Manager:	Robert Worl			Project:	Salton Sea Unit 6 Geothermal Power Project (SSU6)			
		Docket:	02-AFC-2		Technical Senior:	Jim Brownell		

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 5.5-2, pp. 5.5-45 to -49	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.5.6, pp. 5.5-31 to 5.5-35; Table 5.5-2, pp. 5.5-45 to -49; and Appendix K	No	Please provide documentation of the consultation process with the U. S. Fish and Wildlife Service concerning compliance with the Endangered Species Act for construction of Salton Sea Unit 6. Documentation would include a letter from the federal lead agency indicating that the Biological Assessment has been sent to the USFWS. Also please provide a schedule for completing the consultation process with the USFWS.
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Not expected to change	Yes	No changes to Biological Resources LORS are expected.
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Table 5.5-2, pp. 5.5-45 to -49	Yes	

Adequacy Issue: Adequate _____ Inadequate **x** _____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/8/02

Technical Area: **Biological Resources**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Natasha Nelson

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			
§2022(b)(2)(F) (Biology)	A demonstration, based on appropriate data including, but not limited to, scientific surveys taken at the appropriate time of year, that the project will have no significant impact on wetlands, plant or animal species that are endangered, threatened, or of concern under state or federal law, or the areas listed in Public Resources Code section 25527;	Sections 5.5.2 and 5.5.3, pp. 5.5-17 to -23; Sections 5.5.4 and 5.5.5, pp. 5.5-23 to-31	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

Technical Area: **Biological Resources**

Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Docket: 02-AFC-2

Revision No. 0 Date 8/19/02

Technical Staff: Natasha Nelson

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Site conditions: Section 5.5.1, pp. 5.5-2 to -17 Impacts discussion: Section 5.5.2, pp.5.5-17 to -23; Section 5.5.3, p. 5.5-23; Table 5.5-1D, p. 5.5-43; Table 5.5-1E, p. 5.5-44;and Appendix K Mitigation and Monitoring: Sections 5.5.4 and 5.5.5, pp. 5.5-23 to -31; and Figure 5.5-3	Yes	
Appendix B (g) (13) (A)	A regional overview and discussion of biological resources, with particular attention to sensitive biological resources near the project, and a map at a scale of 1:100,000 (or some other suitable scale) showing their location in relation to the project.	Regional overview: Section 5.5.1.4, p. 5.5-17 1:100,000 (or suitable scale) map: Figures 5.8-1A and 5.8-1B	Yes	
Appendix B (g) (13) (B)	A discussion and detailed maps at a scale of 1:6,000, of the biological resources at the site of the proposed project and related facilities, and in areas adjacent to them, out to a mile from the site and 1000 feet from the outer edge of linear facility corridors. Include a list of the species actually observed and those with a potential to occur. The discussion and maps shall address the distribution of community types, denning or nesting sites, population concentrations, migration corridors, breeding habitats, and the presence of sensitive biological resources.	Detailed map and discussion: Section 5.5.1, pp. 5.5-2 to -17; Figures 5.5-1A to 5.5-1E; Figure 5.5-2; and Photos 1 to 13, pp. 5.5-51 to -57 Lists of species seen and those expected to occur in the project area: Tables 5.5-1B and 5.5-1C, pp. 5.5-41 to -42; and Appendix K Discussion of distribution: Section 5.5.1, pp. 5.5-2 to -17	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

Technical Area: **Biological Resources**

Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Docket: 02-AFC-2

Revision No. 0 Date 8/19/02

Technical Staff: Natasha Nelson

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (C)	A description of all studies and surveys used to provide biological information about the project site, including seasonal surveys and copies of the California Department of Fish and Game's Natural Diversity Data Base Survey Forms, "California Native Species Field Survey Forms", and "California Natural Community Field Survey Forms", completed by the applicant. Include the dates and duration of the studies, methods used to complete the studies, and the names and qualifications of individuals conducting the studies.	Study description: Section 5.5.1.1, p. 5.5-2; Sections 5.5.1.2.3 and 5.5.1.2.4, pp.5.5-13 to -14; and Table 5.5-1A, pp. 5.5-39 and -40 CNDDDB forms: Appendix K Names/qualifications of those completing studies: Table 5.5-1A, p. 5.5-40	No	Provide the CNDDDB records from the initial sensitive species search.
Appendix B (g) (13) (D)	A discussion of all permanent and temporary impacts to biological resources from site preparation, construction activities, and plant operation. Discussion of impacts must consider impacts from cooling tower drift, and from the use and discharge of water during construction and operation. For facilities which use once-through cooling or take or discharge water directly from or to natural sources, discuss impacts resulting from entrainment, impingement, thermal discharge, effluent chemicals, type of pump (if applicable), temperature, volume and rate of flow at intake and discharge location, and plume configuration in receiving water.	Permanent/temporary impacts discussion: Section 5.5.2, p. 5.5-17 to -23; Tables 5.5-1D and 5.5-1E, pp. 5.5-43 and -44; and Appendix K Use and discharge of water: Not provided Cooling tower drift study: Section 5.1.2.3.1, p. 5.1-16; Table 5.1-25, p. 5.1-77; and Section 5.5.2.1, pp. 5.5-19 and -20 Once-through cooling discussion: Not Applicable	No	Provide a discussion of the on-site use and discharge of water as it relates to the retention ponds. Because brine and reject water from the reverse osmosis potable water system will also be discharged to uncovered ponds, provide a discussion on the potential for impacts. For any use of water during pipeline installation, please describe the use and discharge of water.
Appendix B (g) (13) (E)	A discussion of the following:			
Appendix B (g) (13) (E) (i)	All measures proposed to avoid and/or reduce any adverse impacts;	Sections 5.5.4 and 5.5.5, pp. 5.5-23 to -31; Figure 5.5-3; and Appendix K	Yes	
Appendix B (g) (13) (E) (ii)	All measures proposed to mitigate any adverse impacts, including any proposals for off-site mitigation; and	See above	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

Technical Area: **Biological Resources**

Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Docket: 02-AFC-2

Revision No. 0 Date 8/19/02

Technical Staff: Natasha Nelson

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (E) (iii)	Any educational programs proposed to enhance employee awareness in order to protect biological resources.	Section 5.5.4, pp. 5.5-26 to -27; and Section 5.5.5, p. 5.5-30	Yes	
Appendix B (g) (13) (F)	A discussion of compliance and monitoring programs proposed to ensure the effectiveness of mitigation measures incorporated into the project.	Section 5.5.4, pp. 5.5-27 to -28; and Section 5.5.5, p. 5.5-30	Yes	
Appendix B (g) (13) (G)	A discussion of native fish and wildlife species of commercial and/or recreational value that could be impacted by the project.	Section 5.5.1.3, p. 5.5-17	Yes	
Appendix B (g) (13) (H)	For purposes of this section, sensitive biological resources are one of the following:	--	--	--
Appendix B (g) (13) (H) (i)	Species listed under state or federal Endangered Species Acts;	Section 5.5.1.2.1, pp. 5.5-7 to -10; and Tables 5.5-1B and 5.5-1C, pp. 5.5-41 and -42	Yes	
Appendix B (g) (13) (H) (ii)	Resources defined in sections 1702 (q) and (v) of Title 20 of the California Code of Regulations; and	Section 5.5.1.2, pp. 5.5-7 to -12; and Tables 5.5-1B and 5.5-1C, pp. 5.5-41 and -42	Yes	
Appendix B (g) (13) (H) (iii)	Species or habitats identified by legislative acts as requiring protection.	See above	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 5.5-2, pp. 5.5-45 to -49	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/19/02

Technical Area: **Biological Resources**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Natasha Nelson

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.5-2, pp. 5.5-45 to -49	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.5.6, pp. 5.5-31 to -35; Table 5.5-2, pp. 5.5-45 to -49	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.5-3, p. 5.5-50	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.5.6.4, pp. 5.5-34 and -35	No	Provide the status of all permits and approvals identified within Section 5.5.6.4 and for all outstanding permits or approvals provide the expected timeframe.

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date 08/07/02

Technical Area: **Cultural Resources**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Gary Reinoehl

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 5.6-4	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.6.5 Table 5.6-4	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A		
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 5.6.5.4 Table 5.6-5	No	Please indicate if a permit from a state or federal agency is needed construct transmission lines over a state highway. If a permit is needed, please specify which agency.
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/7/02

Technical Area: **Cultural Resources**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Gary Reinoehl

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	AFC Section 5.6.1, 5.6.1.1.1, 5.6.1.8.1, 5.6.1.8.2, 5.6.1.8.3, 5.6.2, 5.6.3, and 5.6.4	Yes	
Appendix B (g) (2) (A)	A brief summary of the ethnology, prehistory, and history of the region in which the project site and related facilities are located and maps at a scale of 1:24,000, indicating areas of ethnographic occupation. The region may vary depending on the extent of the territory occupied or used by prehistoric cultures indigenous to the area in which the project is located.	Sections 5.6.1.2, 5.6.1.3 and 5.6.1.4 Figure 5.6-1	Yes	
Appendix B (g) (2) (B)	A description of all literature searches and field surveys used to provide information about known cultural resources in the project vicinity. If survey records of the area potentially physically affected by the project are not available, and the area has the potential for containing significant cultural resources, the applicant shall submit a new or revised survey for any portion of the area lacking comprehensive survey data. A discussion of the dates of the surveys, methods used in completing the surveys, and the identification and qualification of the individuals conducting the surveys shall be included.	Section 5.6.1.6, 5.6.1.7 and 5.6.1.8	No	Please provide a cultural resources survey for the project in ARMR format, including a map that depicts the relationship between the project components and the identified cultural (archeological and built) resources (submit under confidential cover).

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/7/02

Technical Area: **Cultural Resources**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Gary Reinoehl

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (2) (C)	A discussion of the sensitivity of the project area described in subsection (g)(2)(A) and the presence and significance of any known archeological sites and other cultural resources that may be affected by the project. Information on the specific location of archeological resources shall be included in a separate appendix to the application and submitted to the Commission under a request for confidentiality pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Section 5.6.1.8 Appendix H including (Confidential submittal)	Yes	
Appendix B (g) (2) (D)	A summary of contacts and communications with, and responses from, Native American representatives who may have an interest in heritage lands and/or resources potentially affected by the proposed project.	Section 5.6.1.5 Appendix H (Confidential submittal)	Yes	
Appendix B (g) (2) (E)	In the discussion on mitigation and monitoring prepared pursuant to subsection (g)(1), a discussion of any educational programs proposed to enhance awareness of potential impacts to archeological resources by employees and contractors, measures proposed for mitigation of impacts to known cultural resources, and a set of contingency measures for mitigation of potential impacts to previously unknown cultural resources.	Section 5.6.4.1 and 5.6.4.2	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 5.6.5.1, 5.6.5.2, 5.6.5.3, 5.6.5.4, and 5.6.5.5 Table 5.6-4	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

Technical Area: **Cultural Resources**

Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Docket: 02-AFC-2

Revision No. 0 Date 8/7/02

Technical Staff: Gary Reinoehl

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5..5.3, 5.6.5.4 and 5.6.5.5 Table 5.6-4	No	Please indicate if a permit from a state or federal agency is needed construct transmission lines over a state highway. If a permit is needed, please specify which agency.
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.6.2, 5.6.3, 5.6.4, and 5.6.5	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 5.6.5.4 Table 5.6-5	No	If a permit is needed from a state or federal agency to cross a state highway with transmission lines, please provide the name, title, phone number, and address of the agency's contact.
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.6.5.5	Yes	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: **Efficiency** _____
 Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)
 Docket: 02-AFC-2

Revision No. 0 Date 8/7/02
 Technical Staff: Shahab Khoshmashrab
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§§ 1.3.2.1, 3.1, 3.3.1, 4.2.5, 6.2.3 Figures 3.3-10A through 3.3-10E	Yes	
Appendix B (i) (4) (A)	Heat and mass balance diagrams for design conditions for each mode of operation.	Figures 3.3-10A through 3.3-10E	Yes	
Appendix B (i) (4) (B)	Annual fuel consumption in BTUs for each mode of operation.	N/A	N/A	
Appendix B (i) (4) (C)	Annual net electrical energy produced in MWh for each mode of operation.	§§ 1.3.2.1, 3.1, 3.3.1	Yes	
Appendix B (i) (4) (D)	Number of hours the plant will be operated in each mode of operation in each year.	§§ 1.3.2.1, 3.3.1, 4.2.5	Yes	
Appendix B (i) (4) (E)	If the project will be a cogeneration facility, calculations showing compliance with applicable efficiency and operating standards.	N/A	N/A	
Appendix B (i) (4) (F)	A discussion of alternative generating technologies available for the project, including the projected efficiency of each, and an explanation why the chosen equipment was selected over these alternatives.	§ 6.2.3	Yes	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: **Facility Design** _____
 Project Manager: Robert Worl _____

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)
 Docket: 02-AFC-2

Revision No. 0 Date 8/7/02
 Technical Staff: Kevin Robinson
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	See Water Resources		
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	See Water Resources		
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	See Water Resources		
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	See Water Resources		
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	See Water Resources		
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 5.2-2, Appendices A-E	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.2-3	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	§ 5.2, Table 5.2-2, Appendices A-E	Yes	
Appendix B (h) (3)	The name, title, telephone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.2-3	Yes	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: **Facility Design** _____
 Project Manager: Robert Worl _____

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)
 Docket: 02-AFC-2

Revision No. 0 Date 8/7/02
 Technical Staff: Kevin Robinson
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A	N/A	
Appendix B (i) (1) (A)	A description of the site conditions and investigations or studies conducted to determine the site conditions used as the basis for developing design criteria. The descriptions shall include, but not be limited to, seismic and other geologic hazards, adverse conditions that could affect the project's foundation, adverse meteorological and climatic conditions, and flooding hazards, if applicable.	§§ 3.2.2, 3.3.5.7, 3.3.5.7.1, 5.2.1-5.2.1.6, Appendices A, B, J	Yes	
Appendix B (i) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	§§ 3.3.5.6, 5.2, Appendices A, B, J	Yes	
Appendix B (i) (1) (C)	A description of the proposed foundation types, design criteria (including derivation), analytical techniques, assumptions, loading conditions, and loading combinations to be used in the design of facility structures and major mechanical and electrical equipment.	Appendices A-E	Yes	
Appendix B (i) (1) (D)	For each of the following facilities and/or systems, provide a description including drawings, dimensions, surface-area requirements, typical operating data, and performance and design criteria for protection from impacts due to adverse site conditions:	Fig. 3.1-3, Fig. 3.3-1A, Fig. 3.3-1B, Fig. 3.3-3A, Fig. 3.3-3B, Fig. 3.3-4, Fig. 3.3-5, Fig. 3.3-8, Fig. 3.3-9, Fig. 3.3-10A, Fig. 3.3-10B, Fig. 3.3-10C, Fig. 3.3-10D, Fig. 3.3-10E, Fig. 3.3-13, Fig. 3.3-14, Fig. 3-15	Yes	
Appendix B (i) (1) (D) (i)	The power generation system;	§§ 1.2, 1.3.2, 3.1, 3.3.3.1, 3.3.5, Fig. 3.3-10A, Fig. 3.3-10B, Fig. 3.3-10C, Fig. 3.3-10D, Fig. 3.3-10E, Fig. 3-15	Yes	
Appendix B (i) (1) (D) (ii)	The heat dissipation system;	§§ 3.3.3.2, 3.3.3.2.2, 3.3.5, Fig. 3.3-9, Fig. 3-15	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Facility Design**
 Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)
 Docket: 02-AFC-2

Revision No. 0 Date 8/7/02
 Technical Staff: Kevin Robinson
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (1) (D) (iii)	The cooling water supply system, and, where applicable, pre-plant treatment procedures;	§§ 1.3.2.2.2, 3.3.3.2.2, 3.3.4.2, 3.3.4.2.1, 3.3.4.2.2, 3.3.5, 5.4, Figure 3.3-9	Yes	
Appendix B (i) (1) (D) (iv)	The atmospheric emission control system;	§§ 3.3.3.2.1, 3.3.4.7, 3.3.5.1.3, 3.3.5.1.4, 5.1, Appendix G	Yes	
Appendix B (i) (1) (D) (v)	The waste disposal system and on-site disposal sites;	§§ 3.1, 3.3.4.3, 3.3.4.4, 3.3.4.4.2, 3.3.4.5, 3.3.4.6, 5.13, Figure 3.3-7	Yes	
Appendix B (i) (1) (D) (vii)	The geothermal resource conveyance and re-injection lines (if applicable);	§§ 3.2.1, 3.2.2, 3.3.2, 3.3.5.2, 3.4.2, Fig. 3.1-3, Fig. 3.1-2, Appendix J	Yes	
Appendix B (i) (1) (D) (viii)	Switchyards/transformer systems; and	§§ 1.3.2.3, 3.1, 3.3.4.1, 3.3.6, 3.4.3, Fig. 3.3-8, Fig. 3.3-13, Fig. 3.3-14, Appendix E	Yes	
Appendix B (i) (1) (D) (ix)	Other significant facilities, structures, or system components proposed by the applicant.	N/A	N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 0 Date 8/20/02

Technical Area: **Geologic Hazards**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Dal Hunter, Ph.D., C.E.G.

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Page 5.2-38 Section 5.25, Table 5.2-2	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Pages 5.2-16 to 5.2-18 Section 5.25	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Pages 5.2-16 to 5.2-18, Section 5.25	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/20/02

Technical Area: **Geological Hazards**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Dal Hunter, Ph.D., C.E.G.

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pages 5.2-1 to 5.2-15, Sections 5.2.1 to 5.2.4	Yes	
Appendix B (g) (17) (A)	A summary of the geology, seismicity, and geologic resources of the project site and related facilities;	Pages 5.2-1 to 5.2-14, Sections 5.2.1 to 5.2.2	Yes	
Appendix B (g) (17) (B)	A map at a scale of 1:24,000 and description of all recognized stratigraphic units, geologic structures, and geomorphic features within 2 miles of the project site. Include an analysis of the likelihood of ground rupture, seismic shaking, mass wasting and slope stability, liquefaction, subsidence, and expansion or collapse of soil structures.	Pages 5.2-3 to 5.2-4, Section 5.2.1.3, Figures 5.2-3A to 5.2-3E and 5.2-2	Yes	
Appendix B (g) (17) (C)	A map and description of geologic resources of recreational, commercial, or scientific value which may be affected by the project. Include a discussion of the techniques used to identify and evaluate these resources.	Pages 5.2-12 to 5.2-13, Sections 5.2.1.5 to 5.2.1.6 and Figures 5.2-3A to 5.2-3E	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Page 5.2-38, Table 5.2-2	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

Technical Area: **Geological Hazards**

Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Docket: 02-AFC-2

Revision No. 0 Date 8/20/02

Technical Staff: Dal Hunter, Ph.D., C.E.G.

Technical Senior: Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Page 5.2-38 Tables 5.2-2 to 5.2-3	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pages 5.2-16 to 5.2-18 Section 5.2.5	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Page 5.2-38 Table 5.2-3	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date 8/9/02

Technical Area: **Hazardous Materials**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Rick Tyler

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 5.14-3	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.14	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and			
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;			
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date 8/9/02

Technical Area: **Hazardous Materials**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Rick Tyler

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(G) (Hazardous Material)	With respect to the handling of hazardous materials, a demonstration that: i) the project will not use or store any regulated substance defined in Section 25532(g) of the California Health and Safety Code or ii) the project is eligible for Program 1 status pursuant to Section 68.10 of Part 68 of Title 40 of the Code of Federal Regulations or can demonstrate that no worst case accidental release would result in a plausibility (risk greater than 1 in 1,000,000) of an impact above the Emergency Response Planning Guideline, Level 2 (ERPG 2) at the nearest public receptor.	Section 5.14, Table 5.14-1	Yes	
§2022(b)(2)(H) (Hazardous Material)	If the project will store or use a regulated substance defined in Section 25532(g) of the Health and Safety Code, a demonstration either that the boundary of the powerplant site will not be within 1000 feet of any residential area, school, general acute care hospital, long-term health care facility, or child day care facility as such terms are defined in section 25534.1 of the Health and Safety Code or that the project will pose no plausible potential for exposure at such facilities from an accidental release of the regulated substance; and	Section 5.14	Yes	
§2022(b)(2)(I) (Hazardous Material)	A demonstration that the proposed facility will not require storage of gaseous flammable or explosive materials in quantities greater than 25000 standard cubic feet;	Table 5.14-1	Yes	.

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/9/02

Technical Area: **Hazardous Materials Handling**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Rick Tyler

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.14	Yes	
Appendix B (g) (10) (A)	A list of all materials used or stored on-site which are hazardous or acutely hazardous, as defined in Title 22, California Code of Regulations, § 66261.20 et seq., and a discussion of the toxicity of each material.	Table 5.14-1	Yes	
Appendix B (g) (10) (B)	A map at a scale of 1:24,000 depicting the location of schools, hospitals, day-care facilities, emergency response facilities and long-term health care facilities, within the area potentially affected by any release of hazardous materials.	5.14.1	yes	
Appendix B (g) (10) (C)	A discussion of the storage and handling system for each hazardous material used or stored at the site.	Section 5.14 and Table 5.14-1	Yes	
Appendix B (g) (10) (D)	The protocol that will be used in modeling potential consequences of accidental releases that could result in off site impacts. Identify the model(s) to be used, a description of all input assumptions, including meteorological conditions. The results of the modeling analysis can be submitted after the AFC is complete.	NA, No materials that require modeling	Yes	
Appendix B (g) (10) (E)	A discussion of whether a risk management plan (Health and Safety Code § 25531 et seq.) will be required, and if so, the requirements that will likely be incorporated into the plan.	Table 5.14	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/9/02

Technical Area: **Hazardous Materials Handling**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Rick Tyler

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (10) (F)	A discussion of measures proposed to reduce the risk of any release of hazardous materials.	Section 8.14	Yes	
Appendix B (g) (10) (G)	A discussion of the fire and explosion risks associated with the project.	Section 5.14	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 5.14-2	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.14-2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 5.14-2	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	5.15.5.5	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	NA	NA	No permits are required

Adequacy Issue: Adequate Inadequate **X**

Technical Area: **Land Use**

Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Docket: 02-AFC-2

Revision No. 0 Date 8/1/02

Technical Staff: David Flores

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	AFC pg. 5.8-14 through 21 Sec. 5.8.5 AFC pg. 5.8-30 through 33 Table 5.8-4	YES	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	AFC pg.5.8-14 through 21 Sec. 5.8.5	YES	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	No applicable LORS are expected to change under the Land Use section.	N/A	

Adequacy Issue: Adequate _____ Inadequate **X** _____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/1/02

Technical Area: **Land Use** _____

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: David Flores

Project Manager: Robert Worl _____

Docket: 02-AFC-2

Technical Senior: Eileen Allen

(Six Month Expedited Process)

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	AFC pg. 5.8-21 & 22 Sec. 5.8.5.4	NO	Recent land use (i.e. within the last five years) on the project site was irrigated crop production on prime soils. Provide discussion and mitigation measures for loss of prime agricultural land. Warren Alquist Section 25120 defines "thermal" in a manner that excludes wells, pads, and pipelines for geothermal resource from our permits. P.R.C. §25120 states: "Exploratory, development and production wells, resource transmission lines, and other related facilities used in connection with geothermal...field development project are not appurtenant facilities for the purposes of this division." Please summarize agency, and county, permits required for the wells, pads, and pipelines associated with the project, the status of each, with bench marks, showing that requirements will be met within the review process time frame.
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			
§2022(b)(4) (Any area that addresses disproportionate impacts; environmental justice)	A discussion of the potential for disproportionate impacts from the project on minority or low-income people; such discussion shall include, but not be limited to, all of the following:			

Adequacy Issue:	Adequate _____	Inadequate X _____	DATA ADEQUACY WORKSHEET		Revision No. 0	Date 8/1/02
			(Six Month Expedited Process)			
Technical Area:	Land Use _____	Project:	Salton Sea Unit 6 Geothermal Power Project (SSU6)	Technical Staff:	David Flores	
Project Manager:	Robert Worl _____	Docket:	02-AFC-2	Technical Senior:	Eileen Allen	

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(4)(A) (Land Use, Socioeconomics)	Demographic information by census tract, based on the most recent census data available, showing the number and percentage of minority populations and people living below the poverty level within six miles of the proposed site;	Section 5.9	N/A	See Socioeconomics Data Adequacy Worksheet
§2022(b)(4)(B) (Land Use, Socioeconomics)	One or more maps at a scale of 1:24,000 showing the distribution of minority populations and low-income populations and significant pollution sources within six miles of the proposed site, such as those permitted by the U.S. Environmental Protection Agency (Toxic Release Inventory sites), the local air quality management district, or the California Department of Toxic Substances Control; and	Section 5.9.1 Figures 5.9-1A through C	N/A	See Socioeconomics Data Adequacy Worksheet

Adequacy Issue: Adequate _____ Inadequate **X**
 Technical Area: **Land Use**
 Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Project
 Docket: 02-AFC-2

Revision No. 1 Date 08/01/02

Technical Staff: David Flores
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	AFC pg.5.8-1 through 6 Section 5.8.1 AFC pg.5.8-6 through 13 Sec. 5.8.2 AFC pg. 5.8-13 Sec. 5.8.4	NO	Provide mitigation plan for loss of prime agricultural land. See item B (g) (3) (B) for further discussion.
Appendix B (g) (3) (A)	A discussion of existing land uses and current zoning at the site, land uses and land use patterns within one mile of the proposed site and within one-quarter mile of any project-related linear facilities. Include:	AFC pg. 5.18-1&2 Sec. 5.8.1.1 AFC pg. 5.8-4 through 5.8-6 Sec. 5.8.1.3 through 5.8.1.5	YES	
Appendix B (g) (3) (A) (i)	An identification of residential, commercial, industrial, recreational, scenic, agricultural, natural resource protection, natural resource extraction, educational, religious, cultural, and historic areas, and any other area of unique land uses;	AFC pg. 5.8-2 through 6 Sec. 5.8.1.1,2,3 & 5 Figures 5.8-3A through E	YES	
Appendix B (g) (3) (A) (ii)	A discussion of any trends in recent zoning changes and potential future land use development;	AFC pg. 5.8-6 Sec. 5.8.1.6	YES	
Appendix B (g) (3) (A) (iii)	Identification of all discretionary reviews by public agencies initiated or completed within 18 months prior to filing the application for those changes or developments identified in subsection (g)(3)(A)(ii); and	AFC pg. 5.8-25 through 29 Table 5.8-3	YES	
Appendix B (g) (3) (A) iv)	Legible maps of the areas identified in subsection (g)(3)(A) potentially affected by the project, on which existing land uses, jurisdictional boundaries, general plan designations, specific plan designations, and zoning have been clearly delineated.	Figures 5.8-1A, 5.8-3A through E Figures 5.8-4 & 5.8-5	YES	

Adequacy Issue: Adequate _____ Inadequate **X**
 Technical Area: **Land Use**
 Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Project
 Docket: 02-AFC-2

Revision No. 1 Date 08/01/02

Technical Staff: David Flores
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (3) (B)	A discussion of the compatibility of the proposed facilities with present and expected land uses, and conformity with any long-range land use plans adopted by any federal, state, regional, or local planning agency. The discussion shall identify the need, if any, for variances or any measures that would be necessary to make the proposal conform with permitted land uses	AFC pg.5.8-1, Sec. 5.8.1 AFC pg. 5.8-2 through 14 Sec. 5.8.1.1.2 AFC pg. 5.8-6 through 12 Sec. 5.8.2 AFC pg.5.8-13 Sec. 5.8.4 AFC pg. 5.8-14 through 5.8-21, Sec. 5.8.5	NO	The AFC (Sec. 5.8.1.1.2 & 5.3.1.4) indicates that the project site is zoned Heavy Agriculture, with a Geothermal Overlay and is irrigated prime farmland. Under CEQA, the applicant is required to mitigate for the permanent loss of prime agricultural land. Please provide a discussion and mitigation plan for the removal of 80 acres from active agricultural use to a non-agricultural use.
Appendix B (g) (15) (B)	A map at a scale of 1:24,000 and written description of agricultural land uses found within all areas affected by the proposed project. The description shall include:	AFC pg. 5.3-1 through 14 Figures 5.3-1 A-E 5.3-2A-E, 5.3.3	YES	
Appendix B (g) (15) (B) (i)	Crop types, irrigation systems, and any special cultivation practices; and	AFC pg.5.3-1 through 14 Sec. 5.3	YES	
Appendix B (g) (15) (B) (ii)	Whether farmland affected by the project is prime, of statewide importance, or unique as defined by the Natural Resource Conservation Service of the California Department of Conservation.	AFC pg.5.3-1 through 14 Sec. 5.3 Figures 5.3-1 Figures 5.3-2A -E	YES	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This decision shall include:	AFC pg.5.3-1 through 14 Sec. 5.3	YES	
Appendix B (g) (15) (C) (ii)	Direct and indirect effects on agricultural land uses; and	AFC pg.5.3-1 through 14 Sec. 5.3	YES	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	AFC pg. 5.8-30 through 32 Table 5.8-4 AFC pg. 5.8-33 Table 5.8-5	YES	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 08/01/02

Technical Area: **Land Use**

Project: Salton Sea Unit 6 Project

Technical Staff: David Flores

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	AFC pg. 5.8-30 through 33 Table 5.8-4 Table 5.8-5	YES	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	AFC pg. 5.8-14 through 22 Sec. 5.8.5.1, 5.8.5.2, 5.8.5.3, 5.8.5.4.1, and 5.8.5.4.2	YES	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	AFC pg. 5.8-33 Table 5.8-5	YES	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	AFC pg. 5.8-14 through 21 Sec. 5.8.5	NO	Warren Alquist Section 25120 defines 'thermal' in a manner that excludes wells, pads, and pipelines for geothermal resource from our permits. P.R.C. §25120 states: "Exploratory, development and production wells, resource transmission lines, and other related facilities used in connection with geothermal...field development project are not appurtenant facilities for the purposes of this division." Please summarize agency, and county, permits required for the wells, pads, and pipelines associated with the project, the status of each, with bench marks, showing that requirements will be met within the review process time frame.

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 0 Date 8/8/02

Technical Area: **Noise**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Steve Baker

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	§ 5.11.5; Table 5.11-6	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	§ 5.11	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	§ 5.11.5; Table 5.11-6	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate **X** Inadequate _____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/8/02

Technical Area: **Noise**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Steve Baker

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§§ 1.3.1, 1.3.2.3, 1.4, 1.6, 3.3.1, 3.3.1.2, 3.4, 3.4.1.1, 3.4.2; Table 3.7-1,pg. 3-64; Chapter 5.11	Yes	
Appendix B (g) (4) (A)	A land use map which identifies residences, hospitals, libraries, schools, places of worship, or other facilities where quiet is an important attribute of the environment within the area impacted by the proposed project. The area impacted by the proposed project is that area where there is a potential increase of 5 dB(A) or more, during either construction or operation, over existing background levels.	Figures 5.11-1, 5.11-3	Yes	
Appendix B (g) (4) (B)	A description of the ambient noise levels at those sites identified under subsection (g)(4)(A) which the applicant believes provide a representative characterization of the ambient noise levels in the project vicinity, and a discussion of the general atmospheric conditions, including temperature, humidity, and the presence of wind and rain at the time of the measurements. The existing noise levels shall be determined by taking noise measurements for a minimum of 25 consecutive hours at a minimum of one site. Other sites may be monitored for duration at the applicant's discretion during the same 25-hour period. The results of the noise level measurements shall be reported in L_{eq} (equivalent sound or noise level), L_{dn} (day-night sound or noise level) or CNEL (Community Noise Equivalent Level) in units of dB(A). The L_{10} , L_{50} , and L_{90} values (noise levels exceeded 10 percent, 50 percent, and 90 percent of the time, respectively) shall also be reported.	§ 5.11.1.3; Tables 5.11-2, 5.11-3	Yes	

Adequacy Issue: Adequate **X** Inadequate _____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/8/02

Technical Area: **Noise** _____

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Steve Baker

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (4) (C)	A description of the major noise sources of the project, including the range of noise levels and the tonal and frequency characteristics of the noise emitted.	§§ 5.11.2.2.1, 5.11.2.2.2, 5.11.2.3, 5.11.2.4, 5.11.2.5, 5.11.2.6, 5.11.2.7	Yes	
Appendix B (g) (4) (D)	An estimate of the project noise levels, during both construction and operation, at residences, hospitals, libraries, schools, places of worship or other facilities where quiet is an important attribute of the environment, within the area impacted by the proposed project.	§§ 5.11.2.2.1, 5.11.2.2.2, 5.11.2.3, 5.11.2.4, 5.11.2.5, 5.11.2.6, 5.11.2.7	Yes	
Appendix B (g) (4) (E)	An estimate of the project noise levels within the project site boundary during both construction and operation and the impact to the workers at the site due to the estimated noise levels.	§§ 5.11.1.3.1, 5.11.2.2.2	Yes	
Appendix B (g) (4) (F)	The audible noise from existing switchyards and overhead transmission lines that would be affected by the project and estimates of the future audible noise levels that would result from existing and proposed switchyards and transmission lines. Noise levels shall be calculated at the property boundary for switchyards and at the edge of the rights-of-way for transmission lines.	§ 5.11.2.3	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	§ 5.11.5; Table 5.11-6	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

Technical Area: **Noise**

Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Docket: 02-AFC-2

Revision No. 0 Date 8/8/02

Technical Staff: Steve Baker

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.11-7	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	§ 5.11.5	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.11-7	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A	N/A	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 0 Date 8/5/02

Technical Area: **Paleontologic Resources**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Dal Hunter, Ph.D., C.E.G.

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Page 5.7-20, Section 5.7.5, Table 5.7-1	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Pages 5.7-13 to 5.7-14, Section 5.7.5	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Pages 5.7-13 to 5.7-14, Section 5.7.5	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			
§2022(b)(3) (TSE)	Substantial evidence that the project will not cause a significant adverse impact on the electrical system, including all of the following:			

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: **Paleontological Resources** _____
 Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)
 Docket: 02-AFC-2

Revision No. 0 Date 8/20/02
 Technical Staff: Dal Hunter, Ph.D., C.E.G.
 Technical Senior: Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pages 5.7-1 to 5.7-3 Sections 5.7.1 to 5.7.9	Yes	
Appendix B (g) (16) (A)	Identification of the physiographic province and a brief summary of the geologic setting, formations, and stratigraphy of the project area. The area may vary depending on the depositional history of the area.	Pages 5.7.1 to 5.7.3 Sections 5.7.1.1 to 5.7.1.3 and Pages 5.7-7 to 5.7-8 Sections 5.7.1.6.1 to 5.7.1.6.2	Yes	
Appendix B (g) (16) (B)	A discussion of the sensitivity of the project area described in subsection (g)(16)(A) and the presence and significance of any known paleontologic localities or other paleontologic resources within or adjacent to the project.	Pages 5.7-9 to 5.7-10 Section 5.7.1.6	Yes	
Appendix B (g) (16) (C)	A summary of all literature searches and field surveys used to provide information about paleontologic resources in the project area described in subsection (g)(16)(A). Identify the dates of the surveys, methods used in completing the surveys, and the names and qualifications of the individuals conducting the surveys.	Pages 5.7-7 to 5.7-10 Section 5.7.1.6	Yes	
Appendix B (g) (16) (D)	Information on the specific location of known paleontologic resources, survey reports, locality records, and maps at a scale of 1:24,000, shall be included in a separate appendix to the Application and submitted to the Commission under a request for confidentiality, pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Appendix I	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

Technical Area: **Paleontological Resources**

Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Docket: 02-AFC-2

Revision No. 0 Date 8/20/02

Technical Staff: Dal Hunter, Ph.D., C.E.G.

Technical Senior: Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (16) (E)	A discussion of any educational programs proposed to enhance awareness of potential impacts to paleontological resources by employees, measures proposed for mitigation of impacts to known paleontologic resources, and a set of contingency measures for mitigation of potential impacts to currently unknown paleontologic resources.	Pages 5.7-12 to 5.7-13 Section 5.7.4	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Page 5.7-20 Table 5.7-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.		N/A	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pages 5.7-13 to 5.7-14 Section 5.7.5	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.		N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 0 Date 8/10/02

Technical Area: _____
Project Overview

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Robert Worl

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Kevin M. Kennedy

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	§§ 5.1.5 through 5.16.5 App's A through E	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	§§ 5.1.5 through 5.16.5 App's A through E	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	No Changes Expected N/A	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	§§ 5.1.5 through 5.16.5	No	P.R.C. §25120 states: "Exploratory, development and production wells, resource transmission lines, and other related facilities used in connection with geothermal...field development project are not appurtenant faciities for the purposes of this division." Please summarize agency, and county, permits required for the wells, pads, and pipelines associated with the project, the status of each, with bench marks, showing that requirements will be met within the review process time frame.
§2022(b)(5)	The following information to demonstrate that the project, if certified, is likely to be constructed and operated;			

Adequacy Issue:

Adequate

Inadequate

X

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0
Date 8/10/02

Technical Area:

Project Overview

Project:
Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff:
Robert Worl

Project Manager:
Robert Worl

Docket:
02-AFC-2

Technical Senior:
Kevin M. Kennedy

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(5)(A) (Project Description)	Information demonstrating the applicant's control, by ownership, lease, option, or other legally binding agreement, that the Commission finds acceptable, of the proposed site and	Appendix R	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/8/02

Technical Area: **Project Overview**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Robert Worl

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Kevin M. Kennedy

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Cal. Code Regs., tit. 20, § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	§§5.1 through 5.16, and Entire AFC	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Entire AFC	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference	End References in each Chapter; Entire AFC	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (4)	Each principal subject area covered in a notice or application shall be set forth in a separate chapter or section, each of which shall identify the person or persons responsible for its preparation.	Entire AFC; and § 8.0	Yes	
Appendix B (a) (1) (A)	A general description of the proposed site and related facilities, including the location of the site or transmission routes, the type, size and capacity of the generating or transmission facilities, fuel characteristics, fuel supply, water supply, pollution control systems, and other general characteristics.	§3.3 §§3.2.1, 3.2, 3.3.2.2 Brine/Steam Handling	Yes	
Appendix B (a) (1) (B)	Identification of the location of the proposed site and related facilities by section, township, range, county and assessors parcel numbers.	§3.3.1.2, Figs 3.3-2 A-E	Yes	
Appendix B (a) (1) (C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	§§ 3.2.1, 3.3.1; Figs 3.1-1,2,4 and 3.2-1	Yes	
Appendix B (a) (1) (D)	A full-page color photographic reproduction depicting the visual appearance of the site prior to construction, and a full-page color simulation or artist's rendering of the site and all project components at the site, after construction.	Figure 3.3-6	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/8/02

Technical Area: **Project Overview**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Robert Worl

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Kevin M. Kennedy

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (a) (1) (E)	In an appendix to the application, a list of current assessor's parcel numbers and owners' names and addresses for all parcels within 500 feet of the proposed transmission line and other linear facilities, and within 1000 feet of the proposed powerplant and related facilities.	Appendix M	Yes	
Appendix B (a) (2)	Project Schedule: Proposed dates of initiation and completion of construction, initial start-up, and full-scale operation of the proposed facilities.	§ 3.4	Yes	
Appendix B (a) (3) (A)	A list of all owners and operators of the site(s), the power plant facilities, and, if applicable, thermal host, the geothermal leasehold, the geothermal resource conveyance lines, and the geothermal re-injection system, and a description of their legal interest in these facilities.	§ 2.1, 3.2.1, 3.2.2 Figure 3.2-2	Yes	
Appendix B (a) (3) (B)	A list of all owners and operators of the proposed electric transmission facilities.	§3.3.6	Yes	
Appendix B (a) (3) (C)	A description of the legal relationship between the applicant and each of the persons or entities specified in subsections (a)(3)(A) and (B).	§3.3.1.2	No	Please explain the business/lease arrangement between Sinclair, Magma, and CEOC.
Appendix B (b) (1) (A)	Maps at a scale of 1:24,000 (1" = 2000'), along with an identification of the dedicated leaseholds by section, township, range, county, and county assessor's parcel number, showing the proposed final locations and layout of the power plant and all related facilities;	Figures 3.3-1 A through E	Yes	
Appendix B (b) (1) (B)	Scale plan and elevation drawings depicting the relative size and location of the power plant and all related facilities;	Figures 3.3-3A, and 3.3-3B	Yes	
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	§§ 3.4, and 3.5 No fossil fuels; § 3.3.2.2 describes the brine/steam handling system	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/8/02

Technical Area: **Project Overview**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Robert Worl

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Kevin M. Kennedy

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (2) (A)	Maps at a scale of 1:24,000 of each proposed transmission line route, showing the settled areas, parks, recreational areas, scenic areas, and existing transmission lines within one mile of the proposed route(s).	Figures 5.8.3A through 5.8.3E	Yes	
Appendix B (b) (2) (B)	A full-page color photographic reproduction depicting a representative above ground section of the transmission line route prior to construction and a full-page color photographic simulation of that section of the transmission line route after construction.	Figures 5.12-10A and B	Yes	
Appendix B (c)	In a section entitled, "Demand Conformance" provide a discussion explaining how the proposed project conforms with the requirements of Public Resources Code § 25524 or Public Resources Code § 25540.6(a)(5). If the provisions of Public Resources Code § 25523.5 are applicable, explain how the project conforms with the requirements of this section. Additional data adequacy requirements may be contained in the Electricity Report applicable pursuant to Title 20, California Code of Regulations, § 1720.5.	§ 2.0 Discussion	N/A	N/A
Appendix B (d) (1)	A copy of any study or analysis required by the terms of the Commission's Final Decision on the NOI, and a brief summary of the results of the study or analysis.	N/A	N/A	
Appendix B (d) (2)	Updates of any significant information which has changed since the Commission's Final Decision on the NOI.	N/A	N/A	
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	§ 3.6	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 0 Date

Technical Area: Public Health Project: Salton Sea Unit 6 Geothermal Power Project (SSU6) Technical Staff: Ramesh Sundareswaran

Project Manager: Robert Worl Docket: 02-AFC-2 Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 5.15-13	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.15.5	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Not Applicable	---	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 5.15.5.1	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date

Technical Area: **Public Health**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Ramesh Sundareswaran

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(D) (Air Quality, Public Health)	A modeling analysis that identifies the extent of potential public exposure to toxic substances, as identified in subsection (g)(9)(A) of Appendix B, resulting from normal facility operation;	Section 5.12.2.1	Yes	
§2022(b)(4) (Any area that addresses disproportionate impacts; environmental justice)	A discussion of the potential for disproportionate impacts from the project on minority or low-income people; such discussion shall include, but not be limited to, all of the following:			
§2022(b)(4)(C) (Public Health)	Identification of available health studies concerning the potentially affected population(s) within a six-mile radius of the proposed power plant site;	Section 5.15.1	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/6/02

Technical Area: **Public Health**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Ramesh Sundareswaran

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sections 5.15.1—5.15.4	Yes	
Appendix B (g) (9) (A)	A list of all toxic substances emitted by the project under normal operating conditions, which may cause an adverse public health impact as a result of acute, chronic, or sub-chronic exposure and to which members of the public may be exposed. This list should include, at a minimum, any pollutants emitted by the project that are listed pursuant to Health and Safety Code § 25249.8.	Table 5.15-1	Yes	
Appendix B (g) (9) (B)	A protocol describing the analysis which the applicant will conduct to determine the extent of potential public exposure to substances identified in subsection (g)(9)(A) resulting from normal facility operation. The analysis itself can be submitted after the AFC is complete.	Section 5.12.2.1	Yes	
Appendix B (g) (9) (C)	A map at a scale of 1:24,000, showing all terrain areas exceeding the elevation of the stack within a 10 mile radius of the facility.	Figures 5.15-1 & 5.15-2	Yes	
Appendix B (g) (9) (D)	A map at a scale of 1:24,000, showing the distribution of population and sensitive receptors within the area exposed to the substances identified in subsection (g)(9)(A).	Figure 5.15-3	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/6/02

Technical Area: **Public Health**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Ramesh Sundareswaran

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 5.15-13	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.15-14	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.15.5	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.15-4	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.15.5.4	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

Technical Area: **Reliability**

Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Docket: 02-AFC-2

Revision No. 0 Date 8/7/02

Technical Staff: Shahab Khoshmashrab

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§§ 1.2.1, 3.3.2.2.2, 3.3.2.2.5, 3.3.3, 3.3.4.2 through 3.3.4.5, 3.3.4.7, 4.1, 4.1.1, 4.2, 4.2.6, 4.3, 4.3.1, 5.2.1, 5.2.1.4, 5.2.4, 5.4.1.1, 5.4.1.3, 5.4.4.1, 5.13 Appendices A through E	Yes	
Appendix B (i) (3) (A)	A discussion of the sources and availability of the fuel or fuels to be used over the estimated service life of the facilities.	§§ 1.2.1, 4.2.6	Yes	
Appendix B (i) (3) (B)	A discussion of the anticipated service life and degree of reliability expected to be achieved by the proposed facilities based on a consideration of:	—	—	
Appendix B (i) (3) (B) (i)	Expected annual and lifetime capacity factors;	§ 4.1	Yes	
Appendix B (i) (3) (B) (ii)	The demonstrated or anticipated feasibility of the technologies, systems, components, and measures proposed to be employed in the facilities, including the power generation system, the heat dissipation system, the water supply system, the reinjection system, the atmospheric emission control system, resource conveyance lines, and the waste disposal system;	§§ 3.3.2.2.2, 3.3.2.2.5, 3.3.3, 3.3.4.2 through 3.3.4.5, 3.3.4.7, 4.1, 4.2, 4.3, 5.2.4, 5.13	Yes	
Appendix B (i) (3) (B) (iii)	Geologic and flood hazards, meteorologic conditions and climatic extremes, and cooling water availability;	§§ 3.3.4.2, 4.1.1, 4.2.6, 4.3.1, 5.2.1, 5.2.1.4, 5.4.1.1, 5.4.1.3, 5.4.4.1	Yes	
Appendix B (i) (3) (B) (iv)	Special design features adopted by the applicant or resource supplier to ensure power plant reliability; and	§ 4.3 Appendices A through E	Yes	
Appendix B (i) (3) (B) (v)	The expected power plant maturation period.	Not Found	No	Please describe the maturation period. For mature technologies, this may amount to the startup period.

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 0 Date 8/19/02

Technical Area: **Socioeconomics**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Dr. Joseph Diamond

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	AFC, Vol. I Table 5.9-12 Summary Of Laws, Ordinances, Regulations, And Standards, page 5.9-21.	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	5.9.4 Mitigation Measures, page 5.9-11.	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	5.9.5.5 Permits Required, page 5.9-12.	N/A	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			
§2022(b)(4) (Any area that addresses disproportionate impacts; environmental justice)	A discussion of the potential for disproportionate impacts from the project on minority or low-income people; such discussion shall include, but not be limited to, all of the following:			

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/19/02

Technical Area: **Socioeconomics**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Dr. Joseph Diamond

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dale Edwards

(Six Month Expedited Process)

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(4)(A) (Land Use, Socioeconomics)	Demographic information by census tract, based on the most recent census data available, showing the number and percentage of minority populations and people living below the poverty level within six miles of the proposed site;	5.9.1.8 Environmental Justice, page 5.9-6. Table 5.9-8 Poverty Status and Income of Study Area, page 5.9-18. Table 5.9-9 Family Income Within Six Miles of the Proposed Project Site, page 5.9-18.	Yes	
§2022(b)(4)(B) (Land Use, Socioeconomics)	One or more maps at a scale of 1:24,000 showing the distribution of minority populations and low-income populations and significant pollution sources within six miles of the proposed site, such as those permitted by the U.S. Environmental Protection Agency (Toxic Release Inventory sites), the local air quality management district, or the California Department of Toxic Substances Control; and	Figure 5.9-1A Distribution of Minority Population, Low-Income Populations and Significant Pollution Sources (Map 1 of 3), Figure 5.9-1B Distribution of Minority Populations, Low Income Populations and Significant Pollution Sources (Map 2 of 3), Figure 5.9-1C Distribution of Minority Populations, Low-Income Populations and Significant Pollution Sources (Map 3 of 3). Figure 5.12-1 of the Visual Resources Section –Salton Sea Unit 6 Visual Sphere Of Influence.	Yes	

Adequacy Issue: Adequate Inadequate **x**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/19/02

Technical Area: **Socioeconomics**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Dr. Joseph Diamond

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	<p>AFC, Vol. I 5.9.1 Affected Environment, pages 5.9-1 to 5.9-6.</p> <p>5.9.2 Environmental Consequences, pages 5.9-7 to 5.9-11.</p> <p>5.9.3 Cumulative Impacts, page 5.9-11.</p> <p>5.9.4 Mitigation Measures, page 5.9-11.</p> <p>Table 5.9-1 Population Of The Study Area, page 5.9-14.</p> <p>Table 5.9-2 Employment By Industry Group Imperial County, page 5.9-14.</p> <p>Table 5.9-3 Employment Growth By Occupation Imperial County, page 5.9-15.</p> <p>Table 5.9-4 Employment Data In The Study Area (Annual Average), page 5.9-15.</p> <p>Table 5.9-5 Housing In Communities Potentially Affected By The Project (1998), page 5.9-16.</p>	No	<p>Please estimate the secondary (indirect and induced) income and employment economic impacts for construction and operation of the power plant. Show the income and employment multipliers e.g., Type I, Type II, or Type III as appropriate and how they are calculated. Delineate and explain the rationale for the region used in the economic impact estimates. To the extent possible for these and all economic estimates, indicate the year all economic estimates were made.</p> <p>Please estimate the cumulative impacts by discussing the projects, workforce numbers and dates of construction and operation. Also, indicate if any major projects are planned near the power plant, associated pipelines (e.g. water) or electrical transmission lines.</p>

Adequacy Issue: Adequate Inadequate **x**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/19/02

Technical Area: **Socioeconomics**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Dr. Joseph Diamond

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (A)	A description of the socioeconomic circumstances of the vicinity and region affected by construction and operation of the project. Include:			
Appendix B (g) (7) (A) (i)	The economic characteristics, including the economic base, fiscal resources, and a list of the applicable local agencies with taxing powers and their most recent and projected revenues;	<p>5.8.1.3 Employment and Economy, pages 5.9-2 to 5.9-3.</p> <p>Table 5.9-2 Employment By Industry Group Imperial County, page 5.9-14.</p> <p>Table 5.9-3 Employment Growth By Occupation Imperial County, page 5.9-15.</p> <p>Table 5.9-4 Employment Data In The Study Area (Annual Average), page 5.9-15.</p> <p>5.9.1.7 Local Government Finance, pages 5.9-5 to 5.9-6.</p> <p>Table 5.9-6a Imperial County General Fund Revenues For 2000-2001, page 5.9-16.</p> <p>Table 5.9-6b Imperial County General Fund Expenditures For 2000-2001, page 5.9-17.</p>	No	Please provide an estimate of projected revenue.

Adequacy Issue: Adequate Inadequate **x**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/19/02

Technical Area: **Socioeconomics**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Dr. Joseph Diamond

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	5.9.1.2 Population, page 5.9-2. 5.9.1.8 Environmental Justice, page 5.9-6. Table 5.9-1 Population Of The Study Area, page 5.9-14. Table 5.9-7 Ethnic and Racial Composition (1998) (Percent total population), page 5.9-17. Table 5.9-8 Poverty Status And Income Of Study Area, page 5.9-18.	Yes	
Appendix B (g) (7) (A) (iii)	Existing and projected unemployment rates;	5.9.1.3.1 Existing Unemployment Rates, page 5.9-3. 5.9.1.3.2 Projected Unemployment Rates, page 5.9-3.	Yes	
Appendix B (g) (7) (A) (iv)	Availability of skilled workers by craft required for construction and operation of the project;	5.9.1.3 Employment and Economy, pages 5.9-2 to 5.9-3. Table 5.9-10 Project Labor Needs And Available Labor By Craft/Skill, page 5.9-19.	Yes	

Adequacy Issue: Adequate Inadequate **x**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/19/02

Technical Area: **Socioeconomics**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Dr. Joseph Diamond

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing; and	5.9.1.4 Housing, page 5.9-3. Table 5.9-5 Housing In Communities Potentially Affected By The Project (1998), page 5.9-16.	Yes	
Appendix B (g) (7) (A) (vi)	Capacities, existing and expected use levels, and planned expansion of utilities (gas, water and waste) and public services, including fire protection, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information for each school district shall include current enrollment and yearly expected enrollment by grade level groupings, excluding project-related changes, for the duration of the project construction schedule.	5.9.2.1.4 Utilities, page 5.9-9. 5.9.2.1.5 Water, page 5.9-9. 5.9.2.1.6 Waste, page 5-9. 5.9.2.1.7 Natural Gas, page 5.9-9. 5.9.2.1.8 Public Services, pages 5.9-9 to 5.9-10.	Yes	
Appendix B (g) (7) (B)	A discussion of the socioeconomic impacts caused by the construction and operation of the project, including:			
Appendix B (g) (7) (B) (i)	The number of workers to be employed each month by craft during construction and operation;	Table 3.4-1 Salton Sea Unit 6 Project Staffing Schedule And Construction Workforce, page 3-59. 5.9.2.1 Plant Construction and Operation, Operations, page 5.9-8.	Yes	
Appendix B (g) (7) (B) (ii)	An estimate of the number and percentage of workers who will commute daily, commute weekly, or relocate in order to work on the project;	5.9.2.1.1 Worker Availability/Commute, pages 5.9-7 to 5.9-8.	Yes	

Adequacy Issue: Adequate Inadequate **x**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/19/02

Technical Area: **Socioeconomics**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Dr. Joseph Diamond

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	Same as above.	Yes	
Appendix B (g) (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	5.9.2.1 Worker Availability/Commute, page 5.9-7. 5.9.1.4 Housing, page 5.9-3.	Yes	
Appendix B (g) (7) (B) (v)	The potential impacts, including additional costs, on utilities (gas, water and waste) and public services, including fire, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information on schools shall include project-related enrollment changes by grade level groupings and associated facility and staffing impacts by school district during the construction and operation phases;	5.9.2.1.4 Utilities to 5.9.2.1.8 Public Services, pages 5.9-9 to 5.9-10.	Yes	
Appendix B (g) (7) (B) (vi)	An estimate of applicable school impact fees;	5.9.2.1.8 Public Services, School Districts, page 5.9-10.	Yes	
Appendix B (g) (7) (B) (vii)	An estimate of the total construction payroll and an estimate of the total operation payroll;	5.9.2.1 Plant Construction and Operation, pages 5.9-7 to 5.9-8.		
Appendix B (g) (7) (B) (viii)	An estimate of the expenditures for locally purchased materials for the construction and operation phases of the project; and	5.9.2.1.2 Locally Purchased Materials, page 5.9-8.	No	Please provide an estimate of the expenditures for locally purchased materials for the construction and operation phases of the project.
Appendix B (g) (7) (B) (ix)	An estimate of the capital cost of the project of the potential impacts on tax revenues from construction and operation of the project.	5.8.2.1.3 Capital Cost of the Project of the Potential Impacts on Tax Revenues, page 5.9-9.	Yes	

Adequacy Issue: Adequate Inadequate **x**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/19/02

Technical Area: **Socioeconomics**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Dr. Joseph Diamond

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 5.9-12, Summary Of Laws, Ordinances, Regulations, And Standards, page 5.9-21.	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Same as above.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	5.9.4 Mitigation Measures, page 5.9-11.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.9-13 Agency Contact List For Laws, Ordinances, Regulations, And Standards, page 5.9-22.	Yes	
Appendix (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	5.9.5.5 Permits Required	N/A	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 0 Date 08/19/02

Technical Area: **Soil Resources**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Mike Krolak

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Page 5.3-15 to 22	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Page 5.3-15 to 22	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Page 5.3-15 to 22	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate _____ Inadequate **X**
 Technical Area: **Soils**
 Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)
 Docket: 02-AFC-2

Revision No. 0 Date 8/8/02
 Technical Staff: Mike Krolak
 Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Page 5.3-1 to 23	No	See soil loss information required below.
Appendix B (g) (15) (A)	A map at a scale of 1:24,000 and written description of soil types and all agricultural land uses that will be affected by the proposed project. The description shall include:	Map: Figure 5.3-1A to E; Table 5.3-1	Yes	
Appendix B (g) (15) (A) (i)	The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil; and	Page 5.3-2 to 6; Table 5.3-2	Yes	
Appendix B (g) (15) (A) (ii)	An identification of other physical and chemical characteristics of the soil necessary to allow an evaluation of soil erodibility, permeability, re-vegetation potential, and cycling of pollutants in the soil-vegetation system.	Page 5.3-2 to 7	Yes	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This discussion shall include:	Page 5.3-6 to 7; 12 to 14; Figures 5.3-2A to E; 5.3-3 Table 5.3-3	No	See soil loss information required below.

Adequacy Issue: Adequate _____ Inadequate **X**

Technical Area: **Soils**

Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Docket: 02-AFC-2

Revision No. 0 Date 8/8/02

Technical Staff: Mike Krolak

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (15) (C) (i)	The quantification of accelerated soil loss due to wind and water erosion;	Page 5.3-7 to 8	No	The AFC states that Universal Soil Loss and Chepil Wind Erosion Equations typically apply to agricultural operations and therefore were deemed inappropriate for the project. However, the USDA states that the Revised Universal Soil Loss Equation can be applied to agricultural land as well as construction sites. The soil loss for the pre-development, construction (w/ and w/out BMPs), and post-construction conditions must be calculated in order to design appropriate erosion control measures. Please provide these calculations or provide a clear explanation as to why the USDA's interpretation is not applicable.
Appendix B (g) (15) (C) (iii)	The effect of power plant emissions on surrounding soil-vegetation systems.	Page 5.3-14	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 5.3-4	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.3-6	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Page 5.3-15 to 21	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.3-5	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/8/02

Technical Area: **Soils**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Mike Krolak

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 5.3-6	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 00 Date Aug. 8, 2002

Technical Area: **Traffic and Transportation**

Project: Salton Sea Unit 6

Technical Staff: Ken Peterson

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Sec. 5.10.5, pp. 5.10-14 through 5.10-19 Table 5.10-10, pp. 5.10-26 through 29	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Sec. 5.10.5, pp. 5.10-14 through 5.10-19	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	None	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Sec. 5.10.5, pp. 5.10-14 through 5.10-19	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate _____ Inadequate **x**
 Technical Area: **Traffic and Transportation**
 Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)
 Docket: 02-AFC-2

Revision No. 0 Date 8/8/02
 Technical Staff: Kenneth Peterson
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sec. 3.3.1.2, pp. 3-6 & 3-7 Sec. 5.8.1.1, pp.5.8-1 & 5.8-2 Sec. 5.10.2 through 5.10.4, pp. 5.10-5 through 5.10-14	Yes	
Appendix B (g) (5) (A)	A regional transportation setting, on topographic maps (scale of 1:250,000), identifying the project location and major transportation facilities. Include a reference to the transportation element of any applicable local or regional plan.	Figure No. 5.10-1 Sec. 5.10.5.3, pp. 5.10-17 through 5.10-19	Yes	
Appendix B (g) (5) (B)	An identification, on topographic maps at a scale of 1:24,000 and a description of existing and planned roads, rail lines, including light rail, bike trails, airports, bus routes serving the project vicinity, pipelines, and canals in the project area affected by or serving the proposed facility. For each road identified, include the following information, where applicable:	Secs. 5.10.1.1.3 through 5.10.1.1.6, pp. 5.10-1 through 5.10-3 Sec. 5.10.2.2.1 & 5.10.2.2.2, pp. 5.10-10 Figure Nos. 5.10-2A through 5.10-2E	No	Please describe any bus routes serving the project vicinity and identify these routes on the 1:24000 topographic maps.
Appendix B (g) (5) (B) (i)	Road classification and design capacity;	Sec. 5.10.1.2, pp. 5.10-3 & 5.10-4 Tables 5.10-10-1 through 5.10-4, pp. 5.10-21 & 5.10-22	Yes	
Appendix B (g) (5) (B) (ii)	Current daily average and peak traffic counts;	Secs. 5.10.2.2.1 & 2, pp. 5.10-8 through 5.10-10 Tables 5.10-1 & 5.10-3 through 5.10-9, pp. 5.10-21 through 5.10-25	Yes	

Adequacy Issue: Adequate _____ Inadequate **x**
 Technical Area: **Traffic and Transportation**
 Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)
 Docket: 02-AFC-2

Revision No. 0 Date 8/8/02
 Technical Staff: Kenneth Peterson
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (5) (B) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	Sec. 5.10.1.2, pp. 5.10-3 & 510-4 Sec. 5.10.2.2.1& 5.10.2.2.2, pp. 5.10-9 & 5.10-10 Tables 5.10-1, 5.10-2, 5.10-4 & 5.10-7 through 9, pp. 5.10-21 through 5.10-25	Yes	
Appendix B (g) (5) (B) (iv)	Weight and load limitations;	Sec. 5.10.1.1.3, p. 5.10.2	Yes	
Appendix B (g) (5) (B) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	Table 5.10-1, p. 5.10-21	No	Please provide percentage of current traffic flows for passenger vehicles and trucks for local roads.
Appendix B (g) (5) (B) (vi)	An identification of any road features affecting public safety.	None	Yes	
Appendix B (g) (5) (C)	A description of any new, planned, or programmed transportation facilities in the project vicinity, including those necessary for construction and operation of the proposed project. Specify the location of such facilities on topographic maps at a scale of 1:24,000.	None Sec. 5.10.1.1.3, p. 5.10-2	Yes	
Appendix B (g) (5) (D)	An assessment of the construction and operation impacts of the proposed project on the transportation facilities identified. Include anticipated project-specific traffic, estimated changes to daily average and peak traffic counts, levels of service, and traffic/truck mix, and the impact of construction of any facilities identified in subsection (g)(5)(C).	Sec. 5.10.2 & 5.10-3, pp. 5.10-5 through 5.10-13	Yes	
Appendix B (g) (5) (E)	A discussion of project-related hazardous materials to be transported to or from the project during construction and operation of the project, including the types, estimated quantities, estimated number of trips, anticipated routes, means of transportation, and any transportation hazards associated with such transport.	Sec. 5.13.2.1.1, pp. 5.13-5 & 5.13-6, Sec. 5.13.2.1.2, pp. 5.13-8 & 5.13-9 Table 5.14-1, pp. 5.14-13 through 5.14-15 Table 5.13-1, p. 5.13-14	No	Please submit amounts of construction period hazardous material, estimated number of trips, anticipated routes, and means of hazardous materials transportation.

Adequacy Issue: Adequate _____ Inadequate **x**
 Technical Area: **Traffic and Transportation**
 Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)
 Docket: 02-AFC-2

Revision No. 0 Date 8/8/02
 Technical Staff: Kenneth Peterson
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Sec. 5.10.5, pp. 5.10-14 through 5.10-19 Table 5.10-10, pp. 5.10-26 through 5.10-29	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.		No	Please submit tables which identify agencies with jurisdiction to issue permits and approvals or to enforce LORS.
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sec. 5.10.5, pp. 5.10-14 through 5.10-19	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.10-11, p. 5.10-30	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		No	Please submit a permit schedule.

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 0 Date 8/12/02

Technical Area: **Transmission Line Safety and Nuisance**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Obed Odoemelam

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 1, page 1-6.	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 3.0, pages 3-31 through 3-44. Appendix L	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	NA		
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 3.0, pages 3-31 through 3-36. Appendix E.	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **T-Line Safety and Nuisance.**
 Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)
 Docket: 02-AFC-2

Revision No. 0 Date 8/12/02
 Technical Staff: Obed Odoemelum
 Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	NA.	See TSE	
Appendix B (i) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.	NA.	See TSE	
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	NA.	See TSE	

Adequacy Issue: Adequate ☒ Inadequate ☐

Technical Area: **T-Line Safety and Nuisance.**

Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)
Docket: 02-AFC-2

Revision No. 0 Date 8/12/02

Technical Staff: Obed Odoemelam

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	NA.	See TSE	
Appendix B (g) (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Section 3.0, pages 3-31 through 3-34.	Yes	
Appendix B (g) (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.	Appendix L	Yes	
Appendix B (g) (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.	Section 3.0, pages 3-31 through 3-46. Appendix L	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 3.0, pages 3-31 and 3-35.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

Technical Area: **T-Line Safety and Nuisance.**

Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Docket: 02-AFC-2

Revision No. 0 Date 8/12/02

Technical Staff: Obed Odoemelam

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 3.0, pages 3-32 and 3-35.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 3.0, pages 3-33 through 3-35. Appendix L.	Yes	
Appendix B (h) (3)	The name, title, phones number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	NA.	NA	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	NA.	NA	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date 8/12/02

Technical Area: **Transmission System Engineering**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Demetrio Bucaneg & Sudath Arachchige

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 1.3.2.3 Section 3.3.6.1.2 Section 3.3.6.4 Section 3.3.6.7 Table 5.8-4 (Local) Appendix E	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 3.3.4.1.1 Section 3.3.6 Appendix P SI&IS Volume 1 SI&IS Volume 2, Part 1/2 SI&IS Volume 2, Part 2/2	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	N/A	

Adequacy Issue:	Adequate _____ Inadequate X	DATA ADEQUACY WORKSHEET		Revision No. 0	Date 8/12/02
Technical Area:	Transmission System Engineering	Project:	Salton Sea Unit 6 Geothermal Power Project (SSU6)	Technical Staff:	Demetrio Bucaneg & Sudath Arachchige
Project Manager:	Robert Worl	Docket:	02-AFC-2	Technical Senior:	Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	N/A	N/A	
§2022(b)(3) (TSE)	Substantial evidence that the project will not cause a significant adverse impact on the electrical system, including all of the following:			
§2022(b)(3)(A) (TSE)	An interconnection study identifying the electrical system impacts and a discussion of the mitigation measures considered and those proposed to maintain conformance with NERC, WSCC, Cal-ISO or other applicable reliability or planning criteria based on load flow, post transient, transient, and fault current studies performed by or for the transmission owner in accordance with all applicable Cal-ISO or other interconnection authority's tariffs, operating agreements, and scheduling protocols and	Appendix P SI&IS Volume 1 SI&IS Volume 2, Part 1/2 SI&IS Volume 2, Part 2/2	No	In Section 1 of Appendix P, it was stated that there are pre-existing overload conditions on transmission facilities of IID. These require mitigation prior to the addition of Salton Sea Unit 6 (SSU6) Project. The identified impacts were not attributable to the SSU6 Project. Submit the following: a.) Identification & location of affected element/s b.) Identification of electrical system impacts on the corresponding element/s c.) Discussion of proposed mitigation plan

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/12/02

Technical Area: **Transmission System Engineering**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Demetrio Bucaneg & Sudath Arachchige

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Al McCuen

(Six Month Expedited Process)

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(3)(A) (TSE) -continuation		Appendix P SI&IS Volume 1 SI&IS Volume 2, Part 1/2 SI&IS Volume 2, Part 2/2	No	<p>Imperial Irrigation District (IID) conducted the System Impact & Interconnection Studies that covered adjacent Utilities like WAPA, SCE, SDGE, MWD & APS. Only the affected elements in the IID system were identified, described & locations were specified. A mitigation plan was only specified for the IID system. The following items are needed.</p> <ol style="list-style-type: none"> 1. From Southern California Edison Company (SCE) -Confirmation of power flow & stability studies conducted by IID concerning their power systems. Provide proposed mitigation plan for impacted element/s, if any. Submit letter or report stating that the mitigation is feasible and acceptable. 2. From San Diego Gas & Electric Company (SDG&E) -Confirmation of power flow & stability studies conducted by IID concerning their power systems. Provide proposed mitigation plan for impacted element/s, if any. Submit letter or report stating that the mitigation is feasible and acceptable. 3. From Western Area Power Authority (WAPA) - Confirmation of power flow & stability studies conducted by IID concerning their power systems. Provide proposed mitigation plan for impacted element/s, if any. Submit letter or report stating that the mitigation is feasible and acceptable.

Adequacy Issue:	Adequate _____ Inadequate X	DATA ADEQUACY WORKSHEET		Revision No.	0	Date	8/12/02
		(Six Month Expedited Process)					
Technical Area:	Transmission System Engineering	Project:	Salton Sea Unit 6 Geothermal Power Project (SSU6)	Technical Staff:	Demetrio Bucaneg & Sudath Arachchige		
Project Manager:	Robert Worl	Docket:	02-AFC-2	Technical Senior:	Al McCuen		

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(3)(A) (TSE) -continuation				<div>4. From Metropolitan Water District of Southern California (MWD) - Confirmation of power flow & stability studies conducted by IID concerning their power systems. Provide proposed mitigation plan for impacted element/s, if any. Submit letter or report stating that the mitigation is feasible and acceptable.</div> <div>5. From Arizona Public Service Company (APS) - Confirmation of power flow & stability studies conducted by IID concerning their power systems. Provide proposed mitigation plan for impacted element/s, if any. Submit letter or report stating that the mitigation is feasible and acceptable.</div>

Adequacy Issue: Adequate _____ Inadequate **X** _____

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date 8/12/02

Technical Area: **Transmission System Engineering**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Demetrio Bucaneg & Sudath Arachchige

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(3)(A) (TSE) -continuation		Appendix P SI&IS Volume 1 SI&IS Volume 2, Part 1/2 SI&IS Volume 2, Part 2/2	No	<p>Short circuit study was performed by IID only on their power systems, which indicated the impacted circuit breakers and the proposed mitigation plan. For the adjacent utilities, provide:</p> <ol style="list-style-type: none"> 1. For SCE –Short circuit study & the proposed mitigation plan for impacted element/s, if any. 2. For SDG&E - Short circuit study & the proposed mitigation plan for impacted element/s, if any. 3. For WAPA - Short circuit study & the proposed mitigation plan for impacted element/s, if any. 4. For MWD - Short circuit study & the proposed mitigation plan for impacted element/s, if any. 5. For APS - Short circuit study & the proposed mitigation plan for impacted element/s, if any.

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/12/02

Technical Area: **Transmission System Engineering**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Demetrio Bucaneg & Sudath Arachchige

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Al McCuen

(Six Month Expedited Process)

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(B) (TSE/FD)	A full description of the facilities, if any, that are required for interconnection, including all such facilities beyond the point where the outlet line joins with the interconnected system and a full description of the environmental setting, environmental impacts, and any recommended mitigation measures proposed by the applicant for any required facilities beyond the point where the outlet joints with the interconnected system;	Section 3.3.6 Sections 5.1 through 5.17 Figure 3.1-2 Figure 3.3-8 Appendix P, Section 1.2 Appendix P, Section 5.1 Appendix P, Section 5.2 SI&IS Volume 1, ATT-2 SI&IS Volume 1, ATT-3 SI&IS Volume 1, ATT-10	No	Due to pre-existing overload conditions on the IID system, furnish the following: a.) Facility description where the impacted element/s is/are located. b.) Full description of proposed mitigation measures c.) Full description of the environmental setting & impacts on the proposed mitigation measures IID conducted power flow and stability studies covering adjacent utilities like WAPA, SCE, SDG&E, MWD & APS. IID provided the full description of interconnection facilities, outlet lines, environmental impacts & settings, and the proposed mitigation plan. Adjacent utilities have to confirm the power flow & stability studies relative to their respective power systems. If there are impacted element/s, affected utilities should submit: the same requirements in Items a.), b.) and c.) above. Adjacent utilities should perform a short circuit study on their respective power systems relative to the SSU6 Project. If there are impacted element/s, affected utilities should submit: the same requirements in Items a.), b.) and c.) above.

Adequacy Issue: Adequate _____ Inadequate **X**

Technical Area: **Transmission System Eng.**

Project Manager: **Robert Worl**

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Docket: 02-AFC-2

Revision No. 0 Date 8/14/02

Technical Staff: Demetrio Bucaneg & Sudath Arachchige

Technical Senior: Al McCuen

Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	Section 3 Figure 3.1-2 Figure 3.3-6 Figure 3.3-8 Section 4 Sections 5.1 through 5.17 Figure 5.12-10B Figure 6.1-5 Appendix E Appendix L Appendix P SI&IS Volume 1 SI&IS Volume 2, Part 1/2 SI&IS Volume 2, Part 2/2	No	Staff observes that the System Impact Study (SIS) with 2005 Heavy Summer base case addressed system impacts in the IID system, but does not show the impacts on the surrounding systems of WAPA (Lower Colorado River), SCE (Dever Mirage System) & APS (Yuma Area). Also, the SIS was not performed under 2005 Light Spring conditions. Please provide the following. a. Analyze the system for Power Flow, with and without the new project for the 2005 Light Spring system conditions for the surrounding systems. b. Analyze the IID system for 2005 Light Spring case for Power flow, with and without the new project. c. Coordinate the study as in item a and b above and the reports with the adjacent Utilities (WAPA, SCE, SDGE & APS) and provide their comments about the interconnection study and mitigation plan for any adverse impact in their system. d. Provide power load flow diagrams for all pre and post normal and contingency criteria violations (N-0, N-1, N-2) conditions. e. Provide in a table form showing ratings of the overloaded line, the loading (in MVA and percentage) before and after adding the new generation and their differences (in MVA and percentage) side by side. This must include all pre-project existing overloads, which increases or decreases after the addition of the new project. f. List mitigation measures considered (required) and those selected (if available) for all criteria violations.
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Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/14/02

Technical Area: **Transmission System Eng.**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Demetrio Bucaneg & Sudath Arachchige

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Al McCuen

Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	Section 3.3.6 Sections 5.1 through 5.17 Figure 3.1-2 Figure 3.3-8 Appendix P SI&IS Volume 1 SI&IS Volume 2, Part 1/2 SI&IS Volume 2, Part 2/2	Yes	
Appendix B (g) (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Section 3.3.6 Figure 3.1-2 Appendix P SI&IS Volume 1	No	Furnish location & description of impacted power systems element/s due to the stated pre-existing conditions in Section 1 of Appendix P and for affected facilities due to the project.
Appendix B (g) (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.			Refer to TLSN.
Appendix B (g) (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.			Refer to TLSN.
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 1.3.2.3 Section 3.3.6.1.2 Section 3.3.6.4 Section 3.3.6.7 Table 5.8-4 (Local) Appendix E	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/14/02

Technical Area: **Transmission System Eng.**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Demetrio Bucaneg & Sudath Arachchige

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Al McCuen

Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 3.3.6.7 Section 4.4 Sections 5.1 through 5.16	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 1.2.1 Section 1.3.2 Section 2.3 Section 3.3.4 Section 3.3.6 Appendix P	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	N/A	N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A	N/A	
Appendix B (i) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Section 3.3.4.1.1 Section 3.3.6 Figure 3.1-2 Figure 3.3-8 Appendix P	No	See comments on Appendix B (b) (2) (C)
Appendix B (i) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.	Section 3.3.4.1.1 Section 3.3.6 Figure 3.1-2 Figure 3.3-8 Appendix P, Section 1.2	Yes	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 0 Date 8/19/02

Technical Area: **Visual Resources**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: James Adams

Project Manager: Robert Worl

Docket: 02-AFC-02

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	PP. 5.12-18 & 19 Table 5.12-5	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	PP. 5.12-15 Section 5.12.5 Table 5.12-5	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Section 3.0 Data Adequacy Worksheet For the Six Month Expedited Process	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	PP. 5.12-15 Section 5.12.5 Table 5.12-5	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			
§2022(b)(3) (TSE)	Substantial evidence that the project will not cause a significant adverse impact on the electrical system, including all of the following:			

Adequacy Issue: Adequate _____ Inadequate **X**
 Technical Area: **Visual Resources**
 Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)
 Docket: 02-AFC-2

Revision No. 0 Date 8/19/02
 Technical Staff: James Adams
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	PP. 5.12-1 through 12-14 Sections 5.12-1 through 12-4, Pg. 5.12-13 Section 5.12.2.2.2	Yes	
Appendix B (g) (6) (A)	Descriptions of the existing visual setting of the vicinity of the project, the region that can be seen from the vicinity of the project, and the proposed project site. Include:	PP. 5.12-1 through 12-3 Section 5.12-1	Yes	
Appendix B (g) (6) (A) (i)	Topographic maps at a scale of 1:24,000 of the areas from which the project may be seen, identification of the view areas most sensitive to the potential visual impacts of the project, and the locations where photographs were taken for (g)(6)(E);	Figures 5.12-2A –2E	Yes	
Appendix B (g) (6) (A) (ii)	Elevations of any existing structures on the site; and	Pg. 1-4, Section 1.3.1	N/A	
Appendix B (g) (6) (A) (iii)	The visual properties of the topography, vegetation, and any modifications to the landscape as a result of human activities.	PP. 5.12-1 & 2, Section 5.12.1	Yes	
Appendix B (g) (6) (B)	An assessment of the visual quality of those areas that will be impacted by the proposed project.	PP. 5.12-4 through 12-6, Section 5.12.1.3.1 through 3.3	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/19/02

Technical Area: **Visual Resources**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: James Adams

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (6) (C)	After discussions with staff and community residents who live in close proximity to the proposed project, identify the scenic corridors and any visually sensitive areas potentially affected by the proposed project, including recreational and residential areas. Indicate the approximate number of people using each of these sensitive areas and the estimated number of residences with views of the project. For purposes of this section, a scenic corridor is that area of land with scenic natural beauty, adjacent to and visible from a linear feature, such as a road, or river.	PP. 5.12-6 through 12—8 Section 5.12.1.3.3 through 4.3. Pg. 5.12-1 & 2 Section 5.12.1.1	No	Please provide the estimated number of residences with views of the project.
Appendix B (g) (6) (D)	A description of the dimensions, color, and material of each major visible component of the project.	PP. 5.12-10 & 11 Section 5.12.2.2	No	Please provide a description of the dimensions, color, and material of each major visible component of the project.
Appendix B (g) (6) (E)	Full-page color photographic reproductions of the existing site, and full-page color simulations of the proposed project in the existing setting from each location representative of the view areas most sensitive to the potential visual impacts of the project.	Figures 3.3-6, 5.12-8A, B & C, 12-9A B, 10A & B	Yes	
Appendix B (g) (6) (F)	An assessment of the visual impacts of the project, including light and glare, and visible plumes.	PP. 5.12-11 through 13 Section 5.12.2.2.1	No	Please discuss the plume impacts from the non-cooling tower exhaust stacks.
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	PP. 5.12-18 & 19 Table 5.12-5	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/19/02

Technical Area: **Visual Resources**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: James Adams

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	PP. 5.12-18 & 19 Table 5.12-5	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pg. 5.12-15 Section 5.12.5	No	Please provide a discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A). In addition, discuss how the project will conform to all the policies in Table 5.12-5.
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Pg. 5.12-20 Table 5.12-6	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Pg. 5.12-15 Section 5.12.5.3	No	Please provide a schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 0 Date 8/12/02

Technical Area: **Waste Management**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Obed Odoemelam

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 5.13, pages 5.13-2 through 5.13-12. Section 5.14, pages 5.14-5 through 5.14-11	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.13, pages 5.13-11 and 5.13-12.	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A		
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 5.13, pages 5.13-2 through 5.13-12. Pages 5.14-7 through 5.14-11	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Waste Management**
 Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)
 Docket: 02-AFC-2

Revision No. 0 Date 8/12/02
 Technical Staff: Obed Odoemelam
 Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Section 5.13, pages 5.13-1 through 5.13-10.	Yes	
Appendix B (e) (2)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Section 5.13, page 5.13-11.	Yes	
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.13, pages 5.13-11 and 5.13-12.	Yes	
Appendix B (g) (12) (A)	A Phase I Environmental Site Assessment for the proposed power plant site using methods prescribed by the American Society for Testing and Materials (ASTM) document entitled "Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process" (Designation: E 1527-93, May 1993), which is incorporated by reference in its entirety; or an equivalent method agreed upon by the applicant and the CEC Staff that provides similar documentation of the potential level and extent of site contamination.	Section 5.13, page 5.13-2. Appendix O	Yes	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/12/02

Technical Area: **Waste Management**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Obed Odoemelam

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (12) (B)	A description of each waste stream estimated to be generated during project construction and operation, including origin, hazardous or nonhazardous classification pursuant to Title 22, California Code of Regulations, § 66261.20 et seq., chemical composition, estimated annual weight or volume generated, and estimated frequency of generation.	Section 5.13, pages 5.13-2 through 5.13-17.	Yes	
Appendix B (g) (12) (C)	A description of all waste disposal sites which may feasibly be used for disposal of project wastes. For each site, include the name, location, classification under Title 23, California Code of Regulations, § 2530 et seq., the daily or annual permitted capacity, daily or annual amounts of waste currently being accepted, the estimated closure date and remaining capacity, and a description of any enforcement action taken by local or state agencies due to waste disposal activities at the site.	Section 5.13, page 5.13-10.	Yes	
Appendix B (g) (12) (D)	A description of management methods for each waste stream, including methods used to minimize waste generation, length of on- and off-site waste storage, re-use and recycling opportunities, waste treatment methods used, and use of contractors for treatment.	Section 5.13, pages 5.13-2 and 5.13-9.	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 5.13, page 5.13-12.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

Technical Area: **Waste Management**

Project Manager: **Robert Worl**

DATA ADEQUACY WORKSHEET

Project: **Salton Sea Unit 6 Geothermal Power Project (SSU6)**

Docket: **02-AFC-2**

Revision No. **0** Date **8/12/02**

Technical Staff: **Obed Odoemelam**

Technical Senior: **Mike Ringer**

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 5.13, page 5.13-2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.13, page 5.13-12.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 5.14, table 5.14-3	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.13, page 5.13-12	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date 08/19/02

Technical Area: **Water Resources**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Mike Krolak

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 5.3-4 Table 5.4-5	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Pages 5.3-15 to 21 Pages 5.4-13 to 22	No	Please provide information that demonstrates that the project will comply with Public Resources Code Division 3, Chapter 4, Sections 3700-3776 requirements regarding geothermal production and injection wells. Please provide information that demonstrates that the project will comply with all flood prevention/protection LORS referred to in the AFC. See information requirements for §2022(b)(2)(E) below regarding Waste Discharge Requirements (WDRs).
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 08/19/02

Technical Area: **Water Resources**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Mike Krolak

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Table 5.3-6 Table 5.4-5	No	Provide all requirements and all information necessary to satisfy California Division of Oil, Gas, and Geothermal Resources permit requirements regarding geothermal production and injection wells. Please provide applicable FEMA requirements regarding revisions or alterations to the Flood Insurance Rate Maps as well as all information necessary to satisfy those information requirements. Please also provide all information necessary to satisfy Imperial County Development Permit requirements regarding flood prevention/protection.
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			
§2022(b)(2)(E) (Water)	If the project will result in a discharge of waste that could affect the water quality of the state, a complete report of proposed waste discharge as required by section 13260 of the Water Code. This will allow for issuance of waste discharge requirements by the appropriate regional water quality control board within 100 days after filing the application in accordance with Public Resources Code section 25550(d);		No	Please provide a complete Report of Waste Discharge to apply for Waste Discharge Requirements from the Colorado River Basin Regional Water Quality Control Board (RWQCB). Please also provide a letter from the RWQCB that states that the WDR application package is complete.
§2022(b)(5)(B) (Water)	A will-serve letter or similar document from each provider of water to the project, indicating each provider's willingness to provide water to the project and describing all conditions under which the water will be provided, and a discussion of all other contractual agreements with the applicant pertaining to the provision of water to the project.	Section 5.4, Attachment 1	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/19/02

Technical Area: **Water Resources**

Project: Salton Sea Unit 6 Project

Technical Staff: Mike Krolak

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Page 5.4-1 to 29 Page 5.17-1 to 7	No	The information required in subsequent sections below will, as a whole, satisfy the information requirements for this section.
Appendix B (g) (14) (A)	All information required by the Regional Water Quality Control Board in the region where the project will be located to apply for:		No	See information requirements for Appendix B (g) (14) (A) (i) below.
Appendix B (g) (14) (A) (i)	Waste Discharge Requirements; and	Page 5.4-8; 13-14; 22	No	Provide a letter from the Colorado River Basin Regional Water Quality Control Board (RWQCB) that states the application for Waste Discharge Requirements (WDR) has been accepted as complete, and that the RWQCB has all information required of a discharger to apply for WDRs.
Appendix B (g) (14) (A) (ii)	a National Pollutant Discharge Elimination System Permit.	Page 5.4-7 to 11	Yes	
Appendix B (g) (14) (B)	A description of the hydrologic setting of the project. The information shall describe, in writing and on maps at a scale of 1:24,000, the chemical and physical characteristics of the following water bodies that may be affected by the proposed project:	Page 5.4-1 to 6 Tables 5.4-1 to 4 Figures 5.4-1A to E	No	See information requirements for Appendix B (g) (14) (B) (i) and (iii) below.
Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures;	Page 5.4-3 to 6 Appendix J	No	Please provide a hydrostratigraphic map depicting the underlying aquifers in the plant vicinity and their location relative to project elements.
Appendix B (g) (14) (B) (ii)	Surface water bodies; and	Page 5.4-3 Figures 5.4-1A to E	Yes	
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	Page 5.4-2 to 3	No	Please provide maps that delineate the project's relation to FEMA flood zone boundaries.

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/19/02

Technical Area: **Water Resources**

Project: Salton Sea Unit 6 Project

Technical Staff: Mike Krolak

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (C)	A description of the water to be used and discharged by the project. This information shall include:		No	See information requirements for Appendix B (g) (14) (C) (i) and (iv) below.
Appendix B (g) (14) (C) (i)	Source of the water and the rationale for its selection, and if fresh water is to be used for power plant cooling purposes, a discussion of all other potential sources and an explanation why these sources were not feasible;	Page 5.4-1; 8 to 9	No	Because a portion of the Imperial Irrigation District (IID) fresh water supply for the project will be used for cooling tower makeup, please provide a discussion of all other potential sources and an explanation why these sources were not feasible.
Appendix B (g) (14) (C) (ii)	The physical and chemical characteristics of the source and discharge water;	Table 3.3-1; 2; 5 Table 5.4-4	Yes	
Appendix B (g) (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project; and	Table 3.3-3 & 4	Yes	
Appendix B (g) (14) (C) (iv)	A description of all facilities to be used in water conveyance, treatment, and discharge. Include a water mass balance diagram.	Page 3-15 to 16 Figure 3.3-7 & 9	No	Page 5.4-8 of the AFC references a stormwater collection system to be employed during construction. Please describe this system in greater detail, including any associated treatment facilities.
Appendix B (g) (14) (D)	A description of pre-, and post-construction runoff and drainage patterns, including:		No	See information requirements for Appendix B (g) (14) (D) (i) and (ii) below.
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	Figure 3.3-11 Table 5.4-1 & 2	No	Please provide a pre-construction runoff pattern diagram that depicts the direction of flows across the site. The diagram should include clearly marked topographic contours.
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	5.4-7 to 9	No	Please describe the detention pond proposed for the operational phase of the project in greater detail. Provide a conceptual description of the pond, including design specifications and calculations that verify that the pond would not discharge any stormwater during the 100-year storm event. Please also confirm that the pond would operate as an evaporation/percolation pond, as the AFC seems to infer. If the pond will not be operating as an evaporation/percolation pond, please describe how it will function.

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/19/02

Technical Area: **Water Resources**

Project: Salton Sea Unit 6 Project

Technical Staff: Mike Krolak

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (E)	An assessment of the effects of the proposed project on water resources. This discussion shall include:			
Appendix B (g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source;	Page 5.4-7 to 9	Yes	
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	Page 5.4-7 to 11	No	Construction will likely require dewatering in some areas. Please describe how dewatered groundwater will be handled and/or discharged.
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	Page 5.4-9	No	Page 5.4-9 of the AFC states that an 8-foot high berm will be constructed around the perimeter of the site. Please provide modeling results that demonstrate the berm's capability to prevent onsite flooding for a 100-year frequency, 24-hour duration runoff event while avoiding impacts to downstream persons and property caused by perimeter diversions of flows. Provide all assumptions and parameters used in the model. Please also describe any mitigation that would be required to reduce flooding impacts, either on-site or downstream.
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 5.4-5	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.4-5	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/19/02

Technical Area: **Water Resources**

Project: Salton Sea Unit 6 Project

Technical Staff: Mike Krolak

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Page 5.4-13 to 22	No	The AFC states that the project would comply with the requirements set forth in Division 3, Chapter 4, Sections 3700-3776 of the Public Resources Code regarding geothermal production and injection wells, but provides no details as to how this will be achieved. Please describe how the project will comply with these requirements, including any permits that would need to be obtained from the California Division of Oil, Gas and Geothermal Resources.
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.4-6	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Page 5.4-22	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date 8/13/02

Technical Area: **Worker Safety**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Rick Tyler

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 5.16.5	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.16	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and			
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;			
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: **Worker Safety** _____
 Project Manager: Robert Worl

DATA ADEQUACY WORKSHEET

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)
 Docket: 02-AFC-2

Revision No. 0 Date 8/13/02
 Technical Staff: Rick Tyler
 Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.16	Yes	
Appendix B (g) (11) (A)	A description of the safety training programs which will be required for construction and operation personnel.	Section 5.16	Yes	
Appendix B (g) (11) (B)	A complete description of the fuel handling system and the fire suppression system.	Sections 5.16.2.2.9	Yes	
Appendix B (g) (11) (C)	Provide draft outlines of the Construction Health and Safety Program and the Operation Health and Safety Program, as follows:	Section 5.16	Yes	
	Construction Health and Safety Program:		Yes	
	* Injury and Illness Prevention Plan (8 Cal. Code Regs., § 1509);		Yes	
	* Fire Protection and Prevention Plan (8 Cal. Code Regs., § 1920);		Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 1514-1522)		Yes	
	Operation Health and Safety Program:		Yes	
	* Injury and Illness Prevention Program (8 Cal. Code Regs., § 3203);		Yes	
	* Fire Prevention Plan (8 Cal. Code Regs., § 3221);		Yes	
	* Emergency Action Plan (8 Cal. Code Regs., § 3220);		Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 3401-3411).		Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/13/02

Technical Area: **Worker Safety**

Project: Salton Sea Unit 6 Geothermal Power Project (SSU6)

Technical Staff: Rick Tyler

Project Manager: Robert Worl

Docket: 02-AFC-2

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 5.16-4	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.16-4	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.16	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.16-5	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.16.5.1	Yes	